PSJ1 Exh 50

Appendix 8 Flagged Transaction Reports

Exhibit 0005 Case: 1:17-md-02804-DAP Doc #: 4218-52 Filed: 12/29/21 3 of 382. PageID #: 567971

A. Flagged Distributor Defendant Transaction Reports

Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

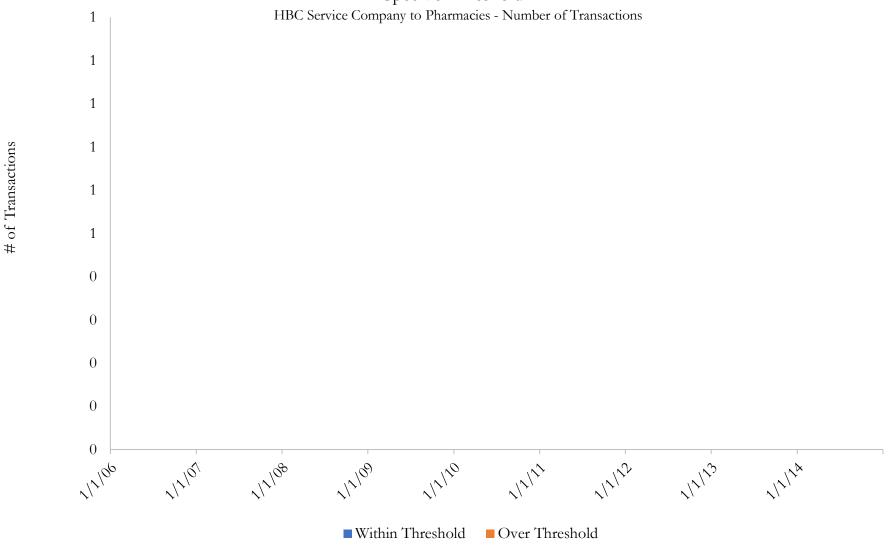
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	37,664	0	1,046	0	0	0	0	0	0	0	0	38,710
Total # of Transactions	0	42,545	0	1,263	0	0	0	0	0	0	0	0	43,808
Percentage of Total # of Transactions	0.0%	88.5%	0.0%	82.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	88.4%
Flagged Orders - Dosage Units	0	9,509,000	0	509,200	0	0	0	0	0	0	0	0	10,018,200
Total Dosage Units	0	10,988,100	0	631,000	0	0	0	0	0	0	0	0	11,619,100
Percentage of Total Dosage Units	0.0%	86.5%	0.0%	80.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.2%
Flagged Orders - MME	0	40,380,473	0	1,902,399	0	0	0	0	0	0	0	0	42,282,872
Total MME	0	46,596,946	0	2,345,303	0	0	0	0	0	0	0	0	48,942,249
Percentage of Total MME	0.0%	86.7%	0.0%	81.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.4%
Flagged Orders - Calculated Base Weight (g)	0	40,380	0	12,683	0	0	0	0	0	0	0	0	53,063
Total Calculated Base Weight (g)	0	46,597	0	15,635	0	0	0	0	0	0	0	0	62,232
Percentage of Total Calculated Base Weight (g)	0.0%	86.7%	0.0%	81.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	85.3%

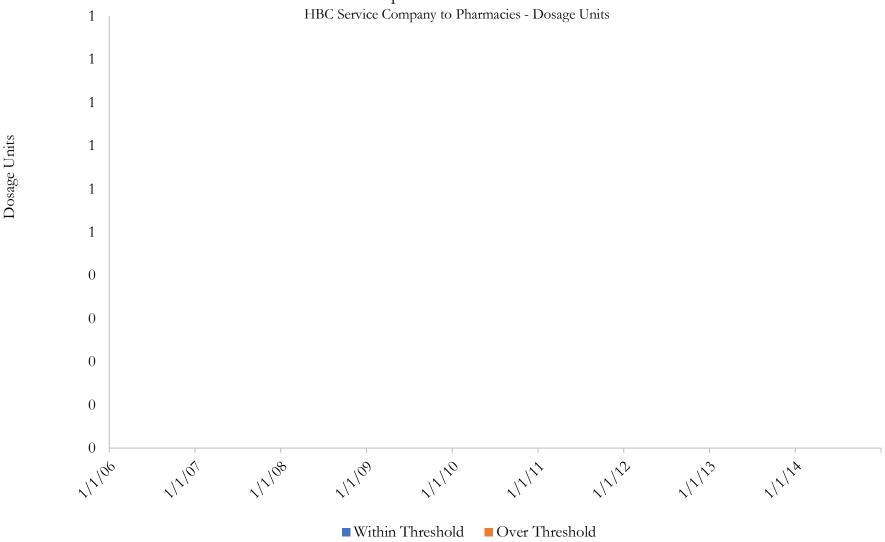
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

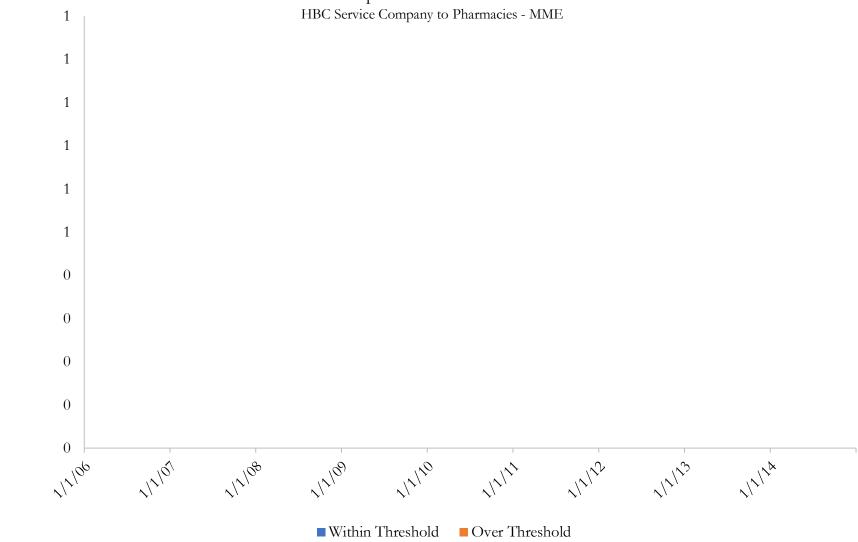
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

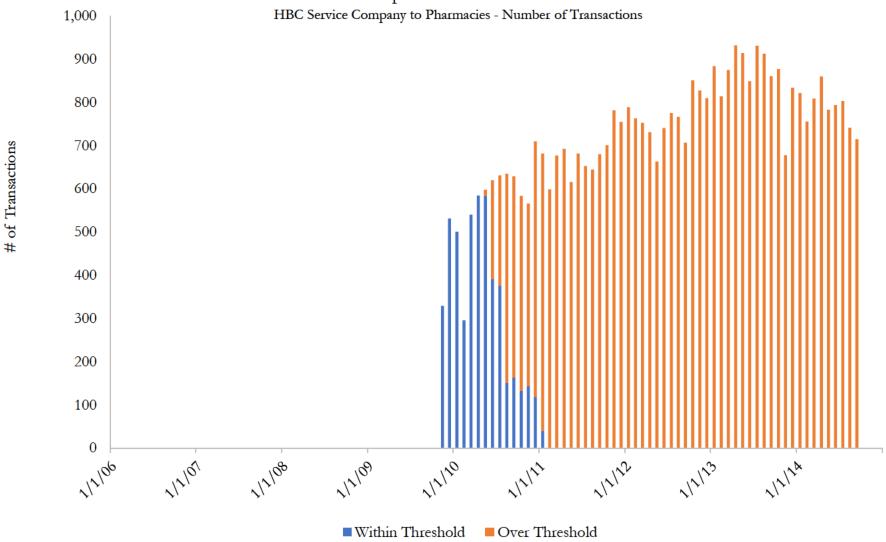


Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

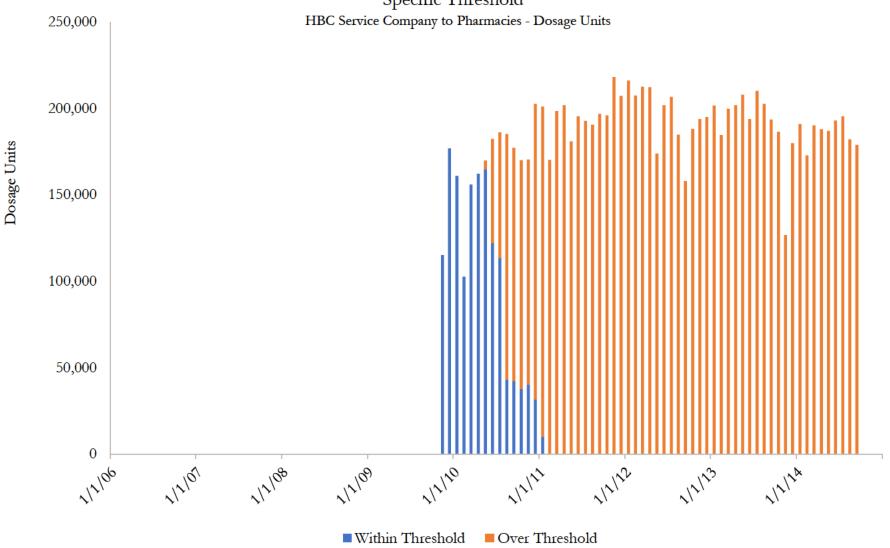


Pharmacies in Lake County and Trumbull County, OH 2006-2014

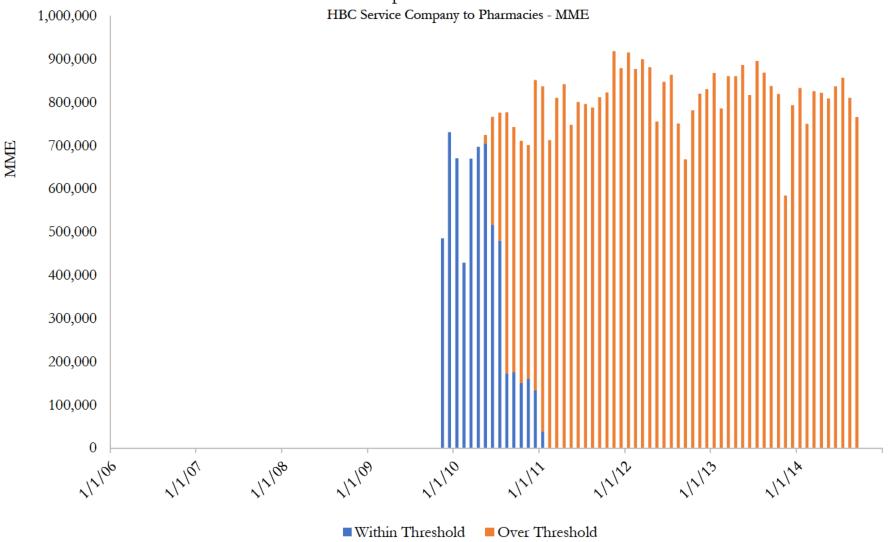
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



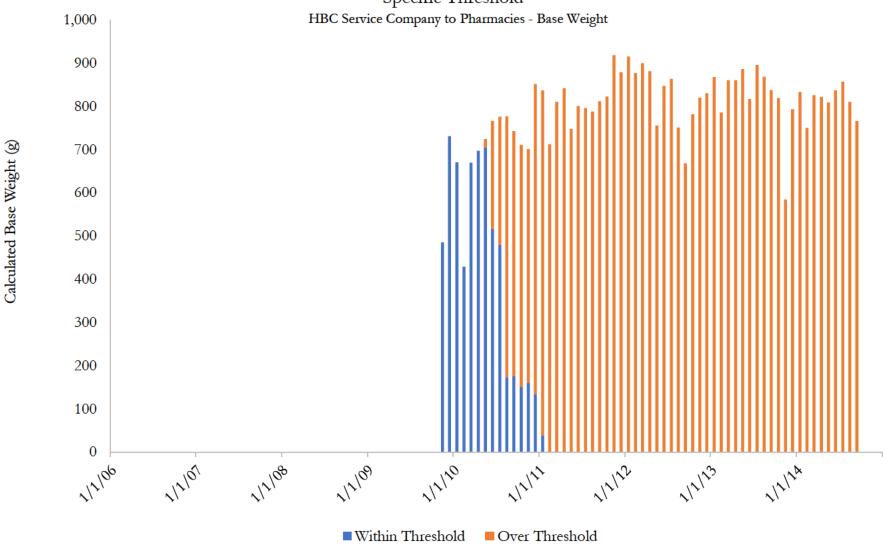
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

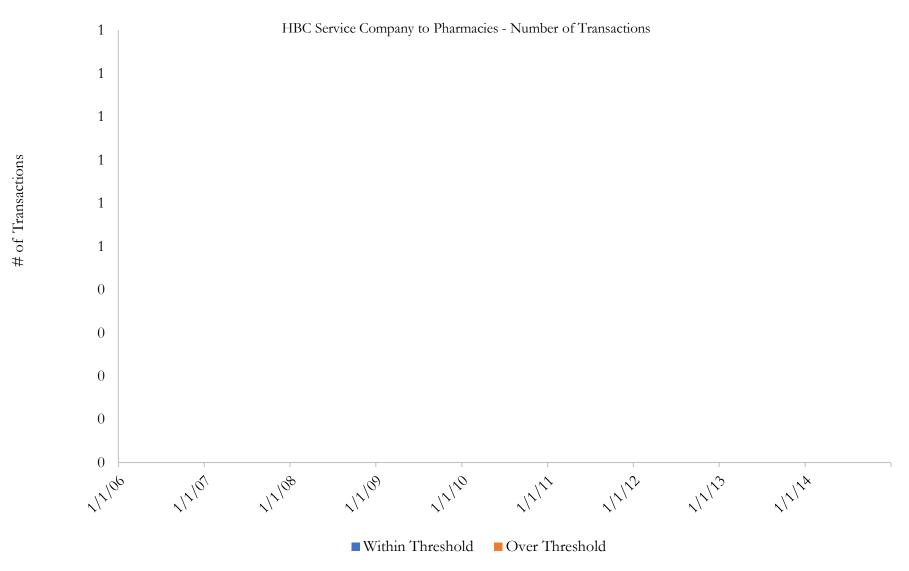


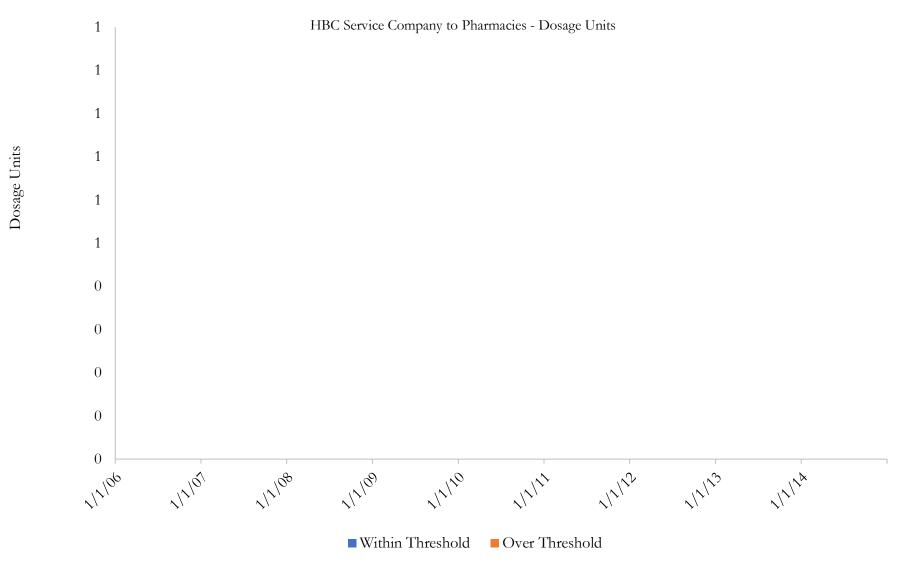
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	3,935	0	198	0	0	0	0	0	0	0	0	4,133
Total # of Transactions	0	42,545	0	1,263	0	0	0	0	0	0	0	0	43,808
Percentage of Total # of Transactions	0.0%	9.2%	0.0%	15.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.4%
Flagged Orders - Dosage Units	0	986,800	0	122,700	0	0	0	0	0	0	0	0	1,109,500
Total Dosage Units	0	10,988,100	0	631,000	0	0	0	0	0	0	0	0	11,619,100
Percentage of Total Dosage Units	0.0%	9.0%	0.0%	19.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.5%
Flagged Orders - MME	0	4,096,034	0	442,241	0	0	0	0	0	0	0	0	4,538,275
Total MME	0	46,596,946	0	2,345,303	0	0	0	0	0	0	0	0	48,942,249
Percentage of Total MME	0.0%	8.8%	0.0%	18.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.3%
Flagged Orders - Calculated Base Weight (g)	0	4,096	0	2,948	0	0	0	0	0	0	0	0	7,044
Total Calculated Base Weight (g)	0	46,597	0	15,635	0	0	0	0	0	0	0	0	62,232
Percentage of Total Calculated Base Weight (g)	0.0%	8.8%	0.0%	18.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	11.3%

Notes:

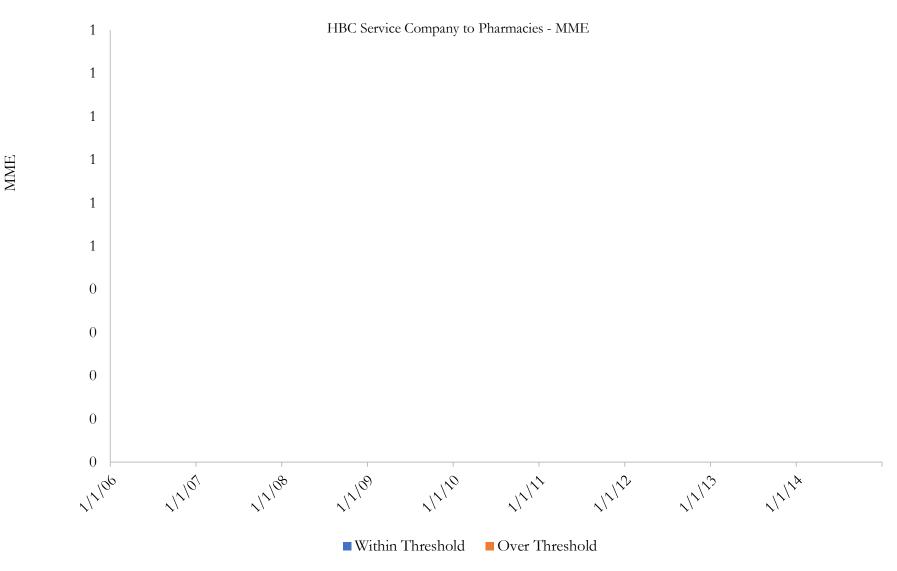
Once an order(s) exceeds the largest total order of any of the previous six months all subsequent monthly threshold is fixed. All monthly order(s) exceeding this threshold is considered suspicious. This method assumes no due diligence on the suspicious order(s), but it is cleared and shipped.

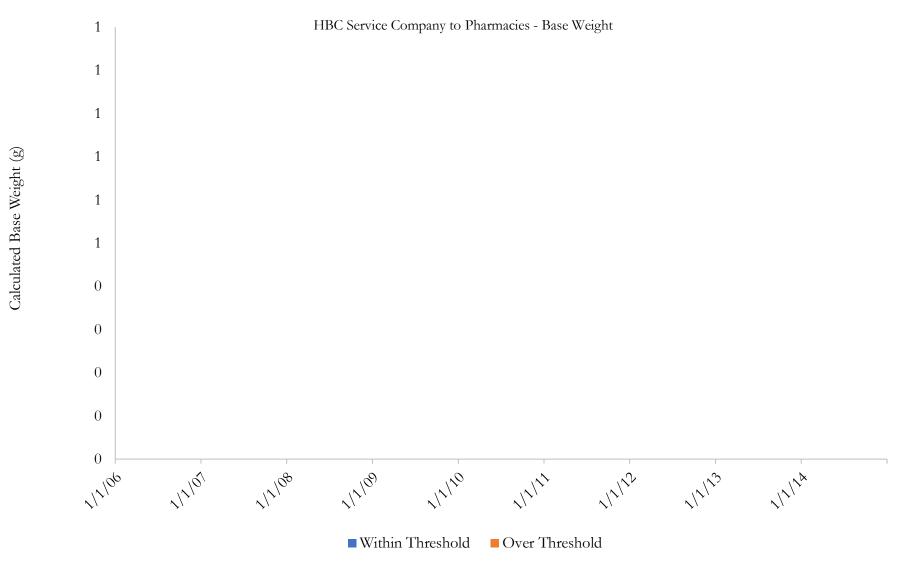


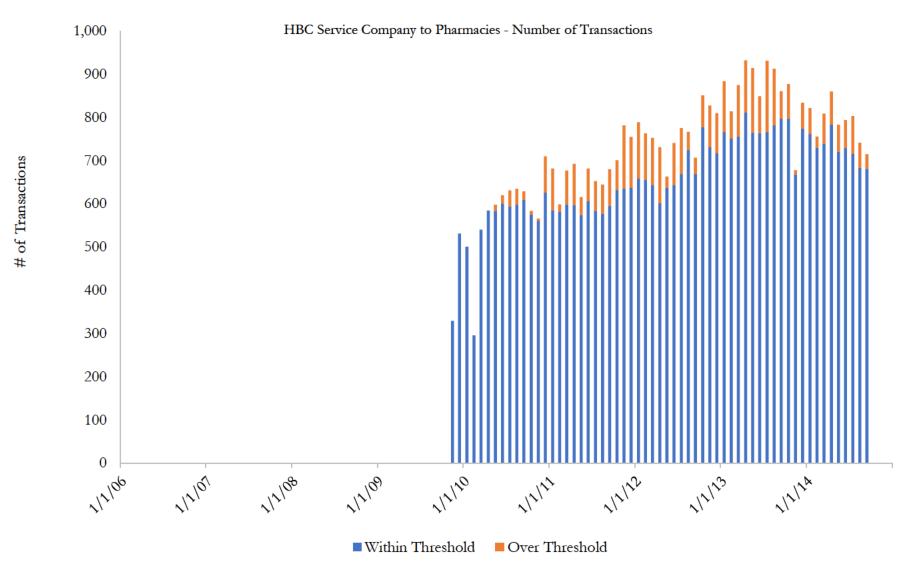


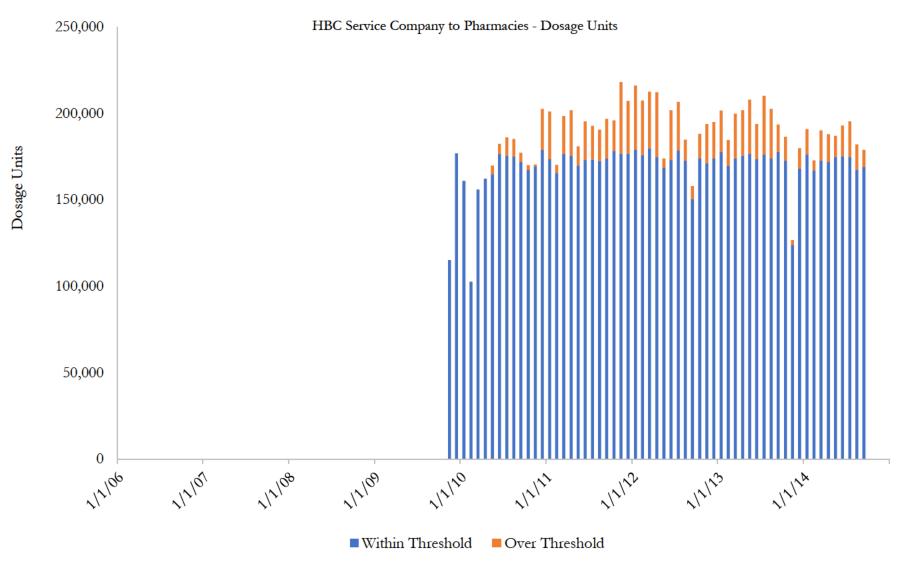
Pharmacies in Lake County and Trumbull County, OH 2006-2014

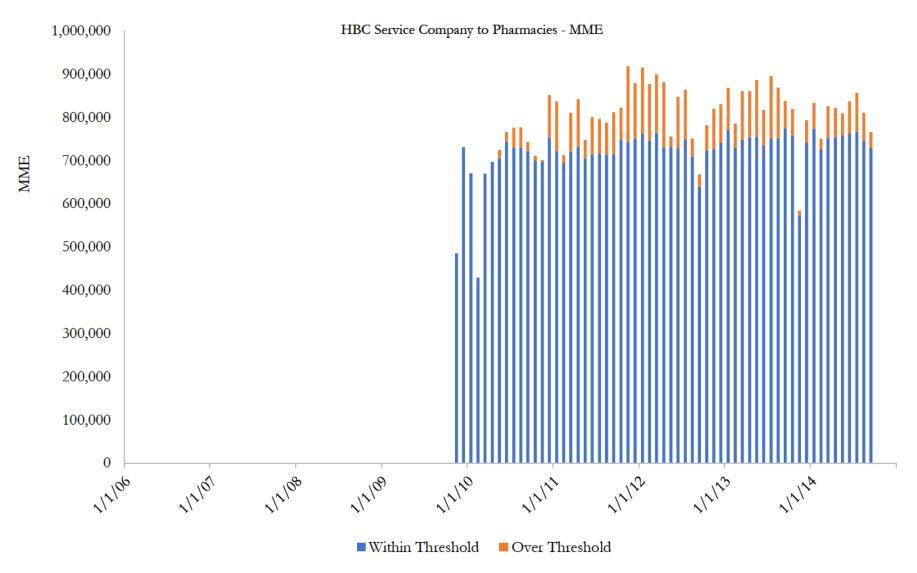
> Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

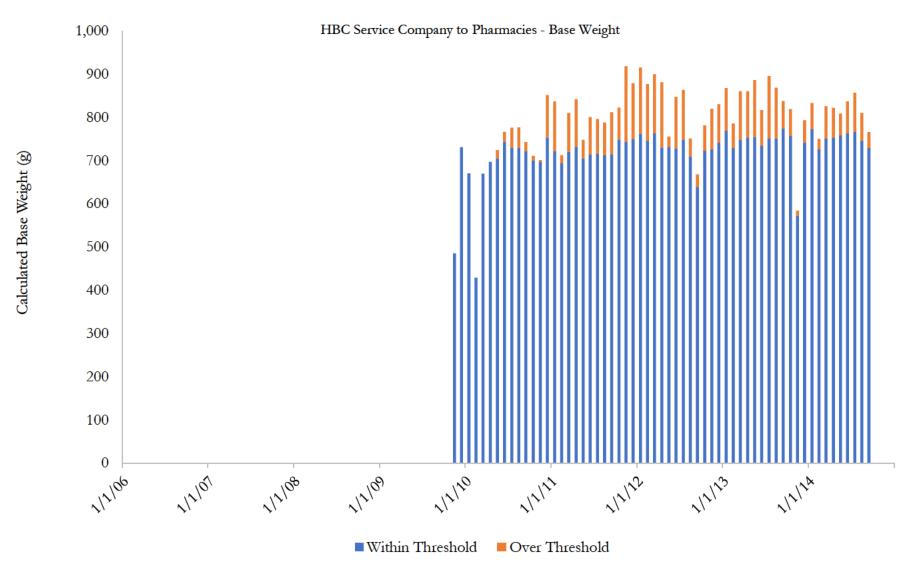












Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

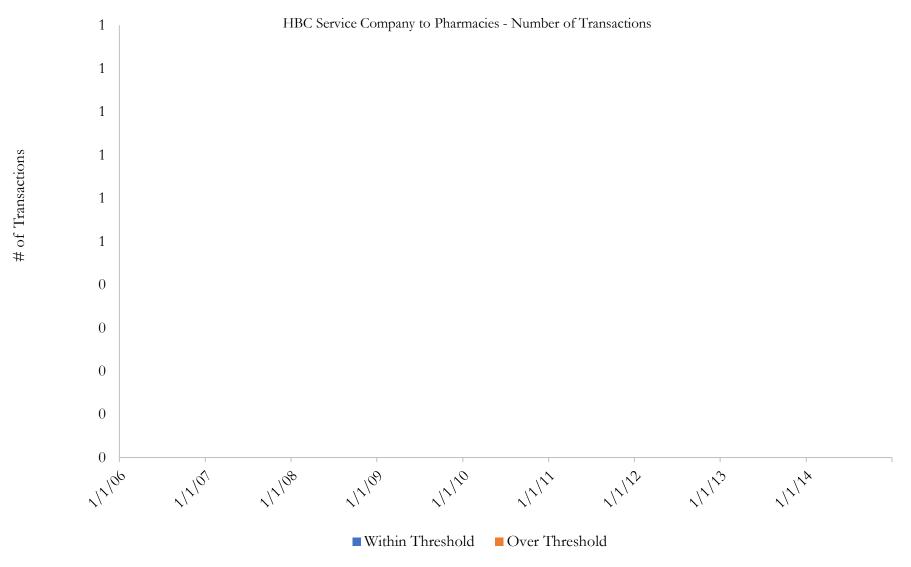
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	15,191	0	754	0	0	0	0	0	0	0	0	15,945
Total # of Transactions	0	42,545	0	1,263	0	0	0	0	0	0	0	0	43,808
Percentage of Total # of Transactions	0.0%	35.7%	0.0%	59.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	36.4%
Flagged Orders - Dosage Units	0	4,233,400	0	352,600	0	0	0	0	0	0	0	0	4,586,000
Total Dosage Units	0	10,988,100	0	631,000	0	0	0	0	0	0	0	0	11,619,100
Percentage of Total Dosage Units	0.0%	38.5%	0.0%	55.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	39.5%
Flagged Orders - MME	0	18,739,415	0	1,329,209	0	0	0	0	0	0	0	0	20,068,624
Total MME	0	46,596,946	0	2,345,303	0	0	0	0	0	0	0	0	48,942,249
Percentage of Total MME	0.0%	40.2%	0.0%	56.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	41.0%
Flagged Orders - Calculated Base Weight (g)	0	18,739	0	8,861	0	0	0	0	0	0	0	0	27,601
Total Calculated Base Weight (g)	0	46,597	0	15,635	0	0	0	0	0	0	0	0	62,232
Percentage of Total Calculated Base Weight (g)	0.0%	40.2%	0.0%	56.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	44.4%

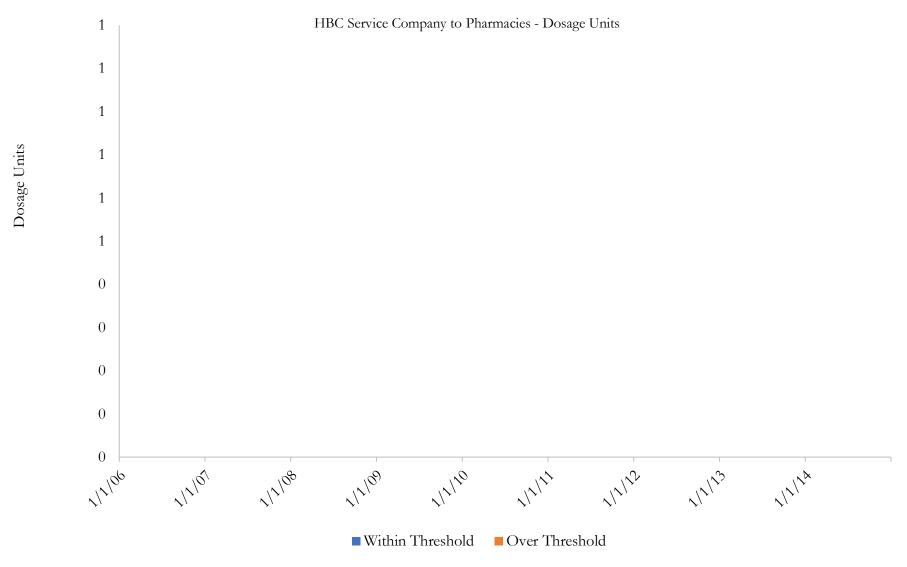
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

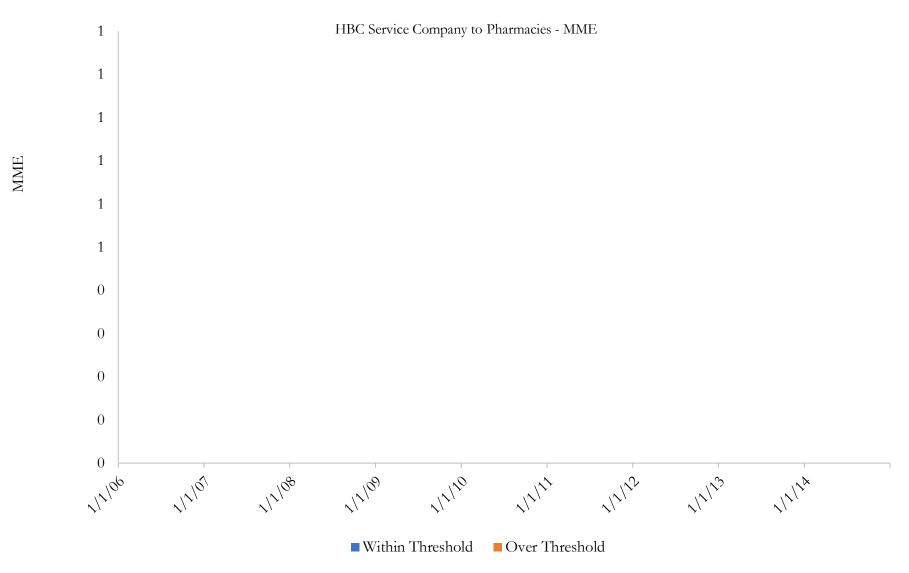
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



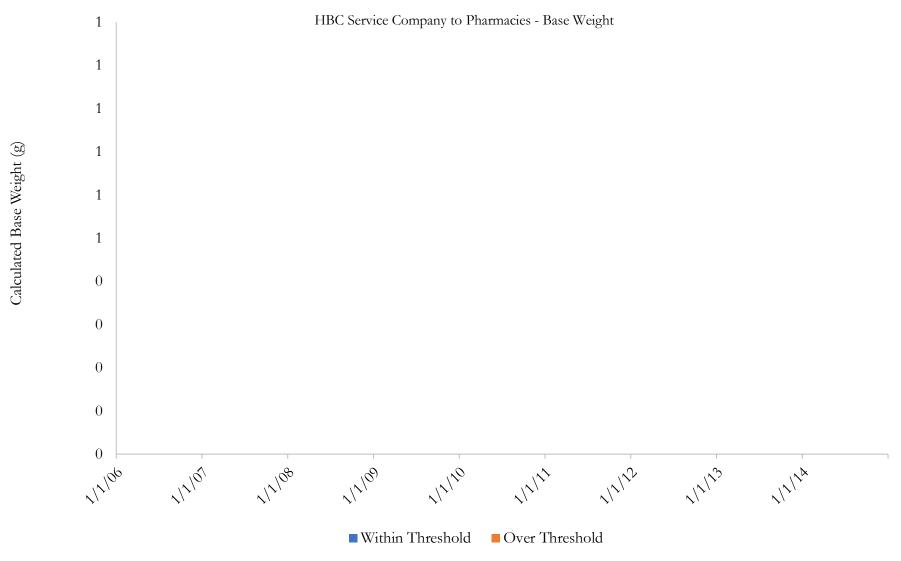
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

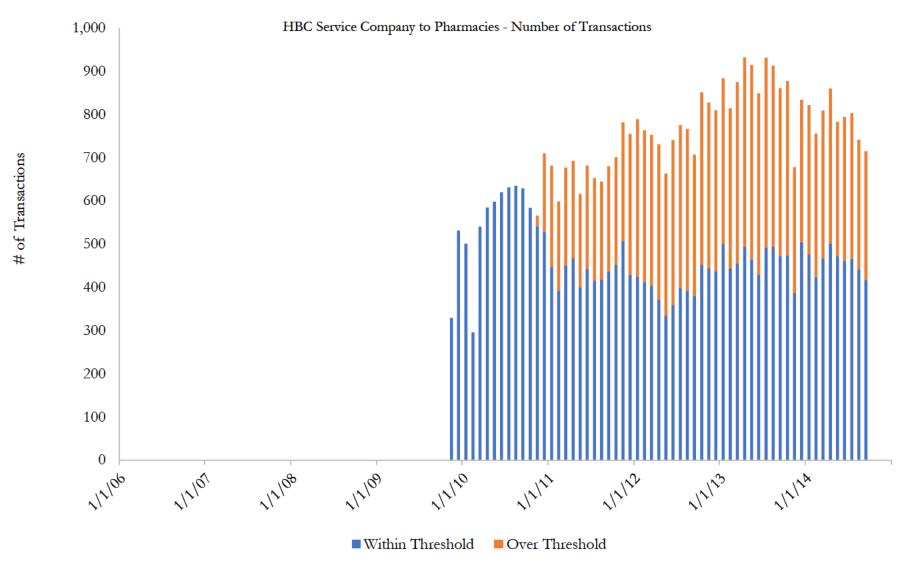


Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

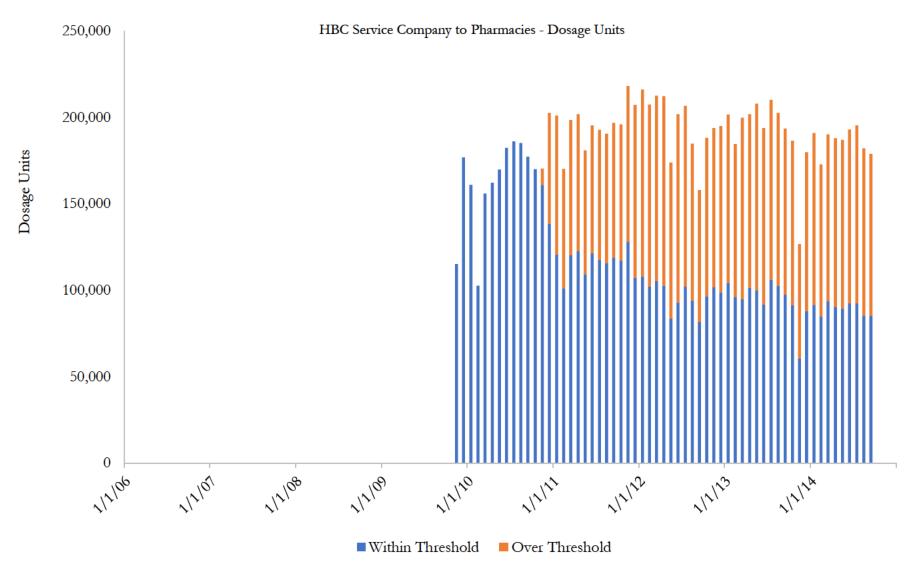


Pharmacies in Lake County and Trumbull County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

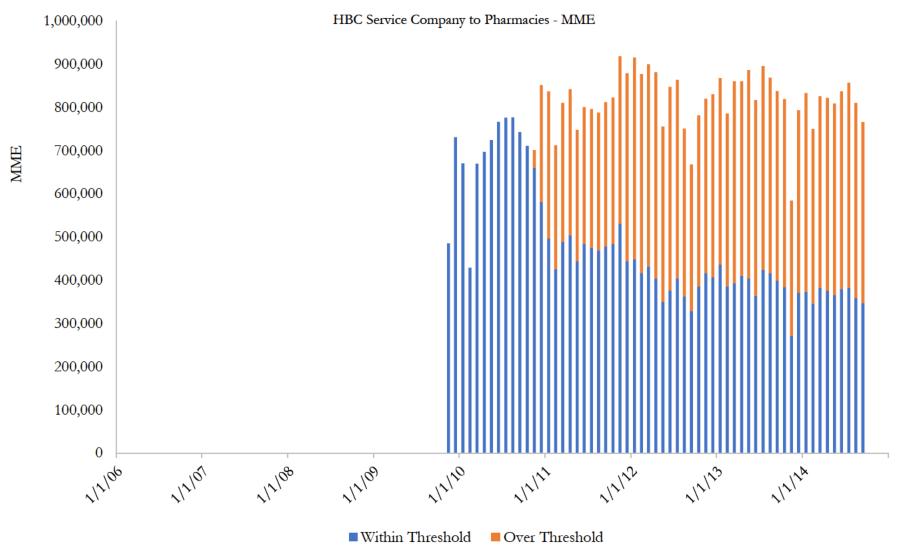


Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



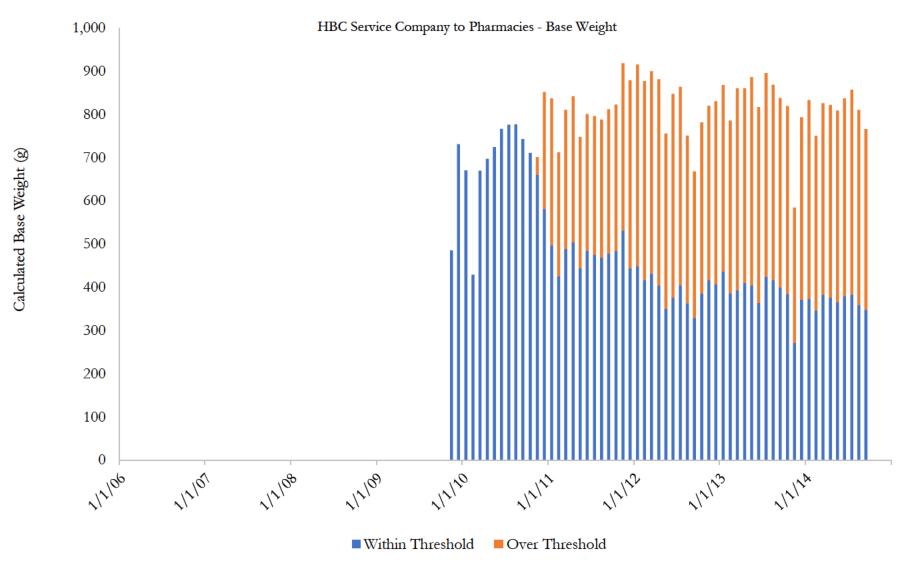
Pharmacies in Lake County and Trumbull County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Pharmacies in Lake County and Trumbull County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units

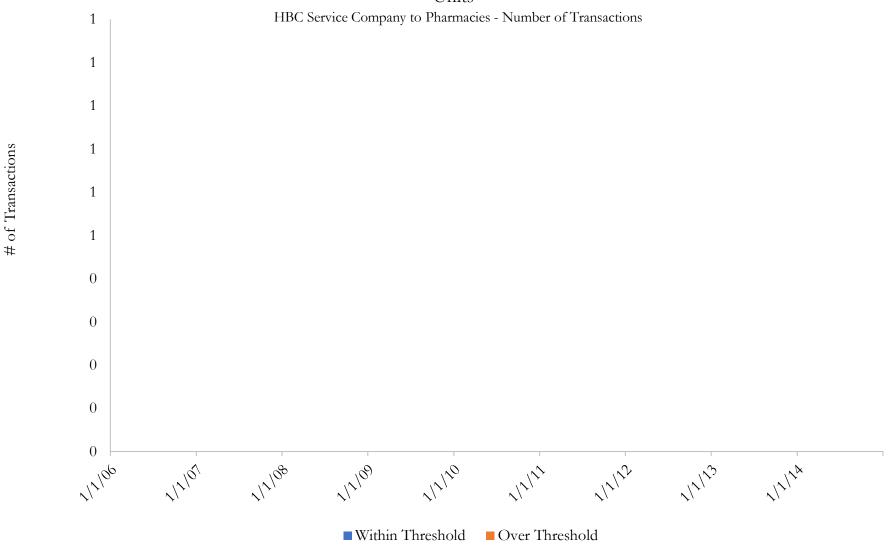
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	0	0	108	0	0	0	0	0	0	0	0	108
Total # of Transactions	0	42,545	0	1,263	0	0	0	0	0	0	0	0	43,808
Percentage of Total # of Transactions	0.0%	0.0%	0.0%	8.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
Flagged Orders - Dosage Units	0	0	0	44,300	0	0	0	0	0	0	0	0	44,300
Total Dosage Units	0	10,988,100	0	631,000	0	0	0	0	0	0	0	0	11,619,100
Percentage of Total Dosage Units	0.0%	0.0%	0.0%	7.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%
Flagged Orders - MME	0	0	0	173,382	0	0	0	0	0	0	0	0	173,382
Total MME	0	46,596,946	0	2,345,303	0	0	0	0	0	0	0	0	48,942,249
Percentage of Total MME	0.0%	0.0%	0.0%	7.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%
Flagged Orders - Calculated Base Weight (g)	0	0	0	1,156	0	0	0	0	0	0	0	0	1,156
Total Calculated Base Weight (g)	0	46,597	0	15,635	0	0	0	0	0	0	0	0	62,232
Percentage of Total Calculated Base Weight (g)	0.0%	0.0%	0.0%	7.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%

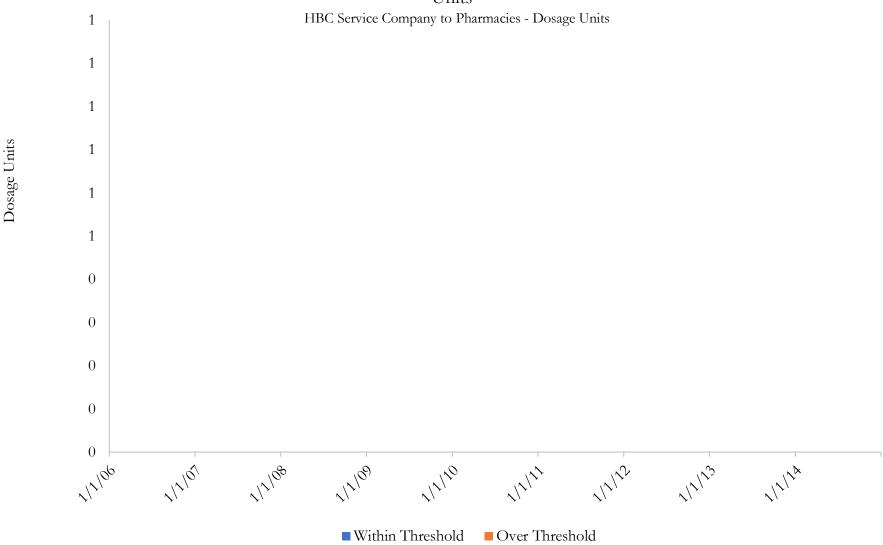
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

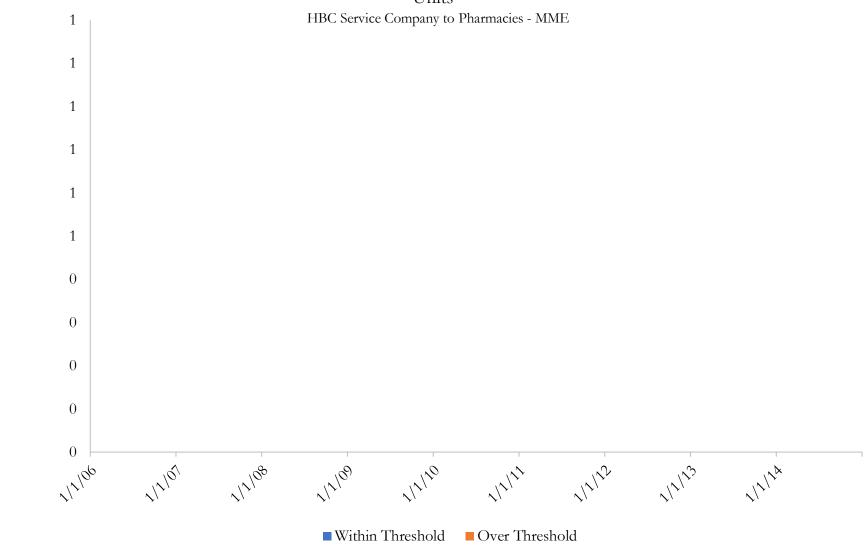
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



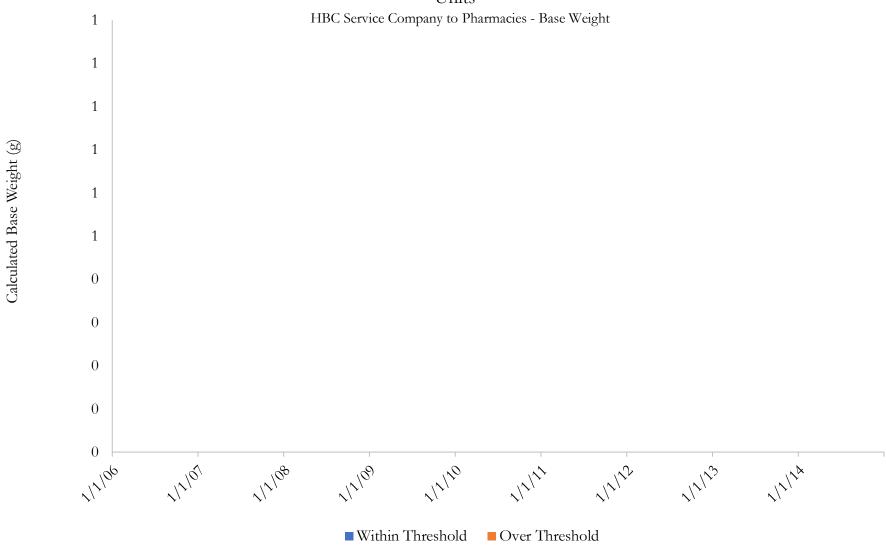
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



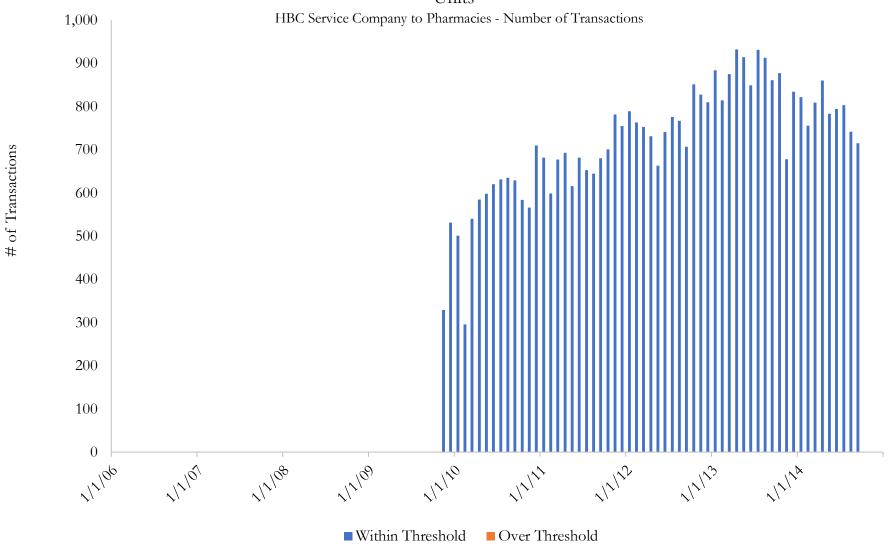
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



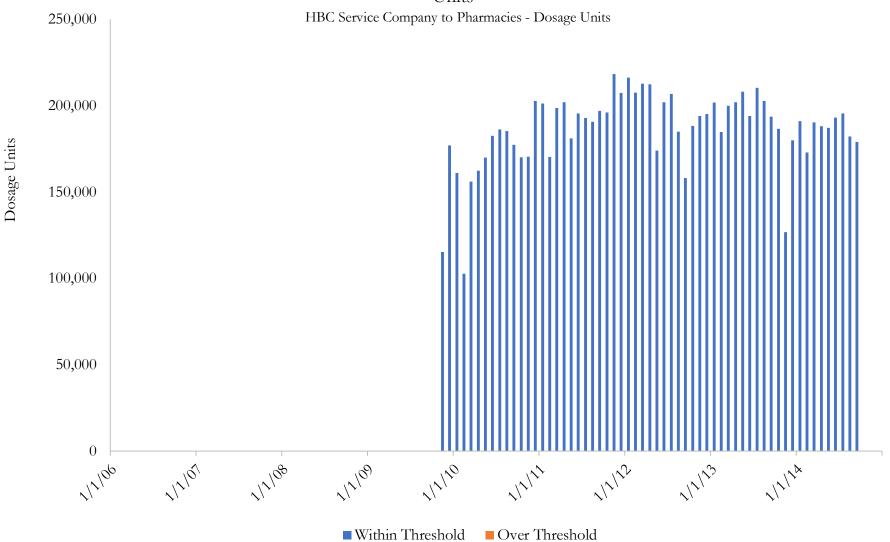
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



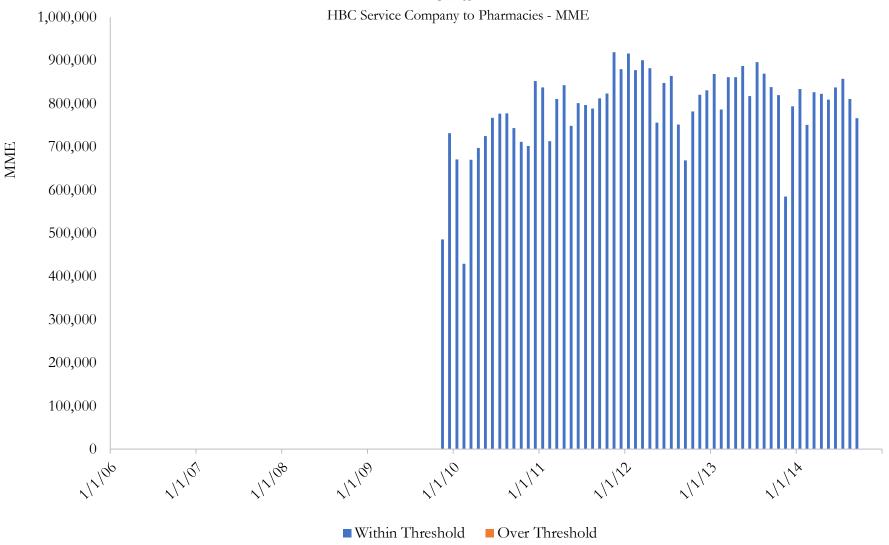
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



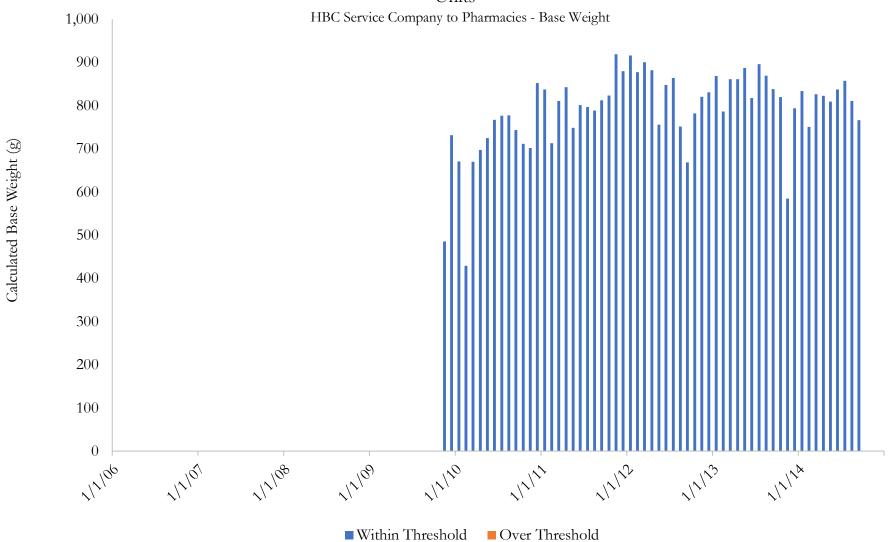
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly

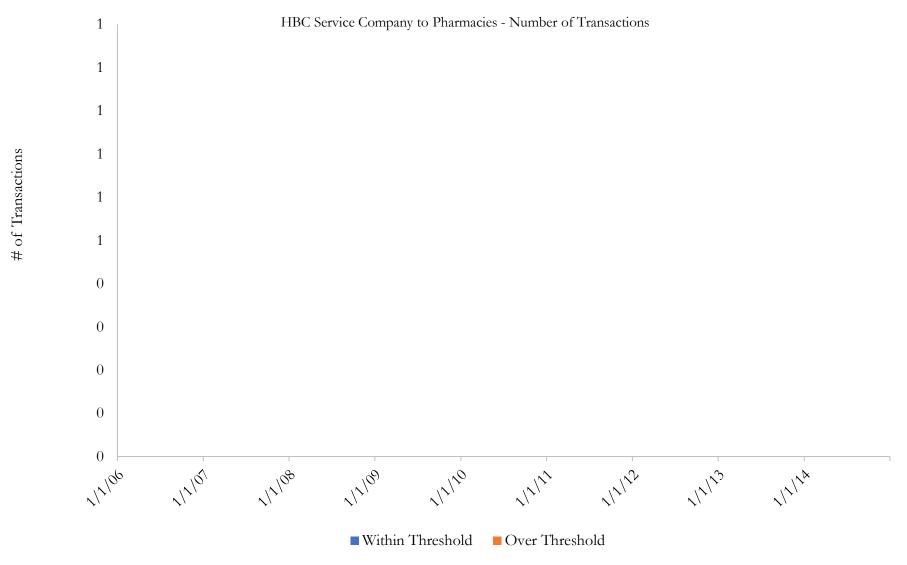
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	40,241	0	0	0	0	0	0	0	0	0	0	40,241
Total # of Transactions	0	42,545	0	1,263	0	0	0	0	0	0	0	0	43,808
Percentage of Total # of Transactions	0.0%	94.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	91.9%
Flagged Orders - Dosage Units	0	10,470,200	0	0	0	0	0	0	0	0	0	0	10,470,200
Total Dosage Units	0	10,988,100	0	631,000	0	0	0	0	0	0	0	0	11,619,100
Percentage of Total Dosage Units	0.0%	95.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	90.1%
Flagged Orders - MME	0	44,573,351	0	0	0	0	0	0	0	0	0	0	44,573,351
Total MME	0	46,596,946	0	2,345,303	0	0	0	0	0	0	0	0	48,942,249
Percentage of Total MME	0.0%	95.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	91.1%
Flagged Orders - Calculated Base Weight (g)	0	44,573	0	0	0	0	0	0	0	0	0	0	44,573
Total Calculated Base Weight (g)	0	46,597	0	15,635	0	0	0	0	0	0	0	0	62,232
Percentage of Total Calculated Base Weight (g)	0.0%	95.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	71.6%

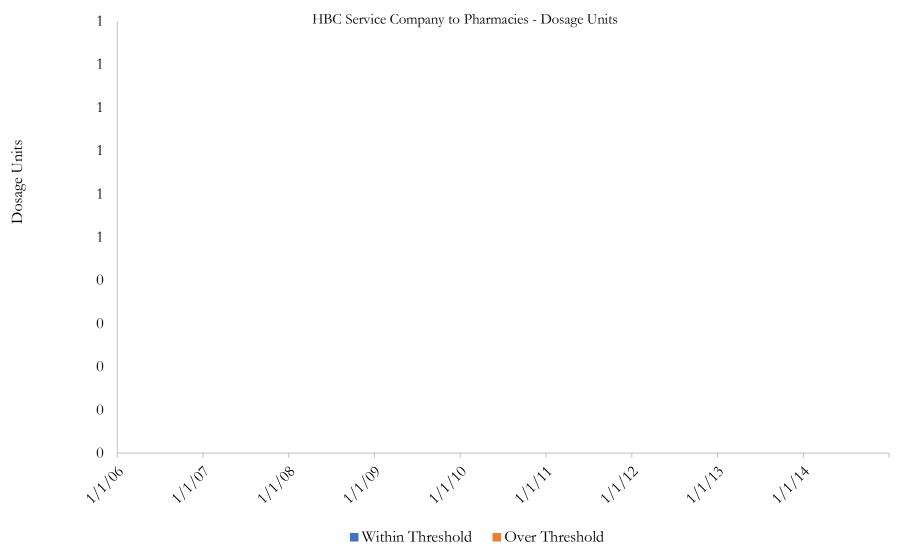
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

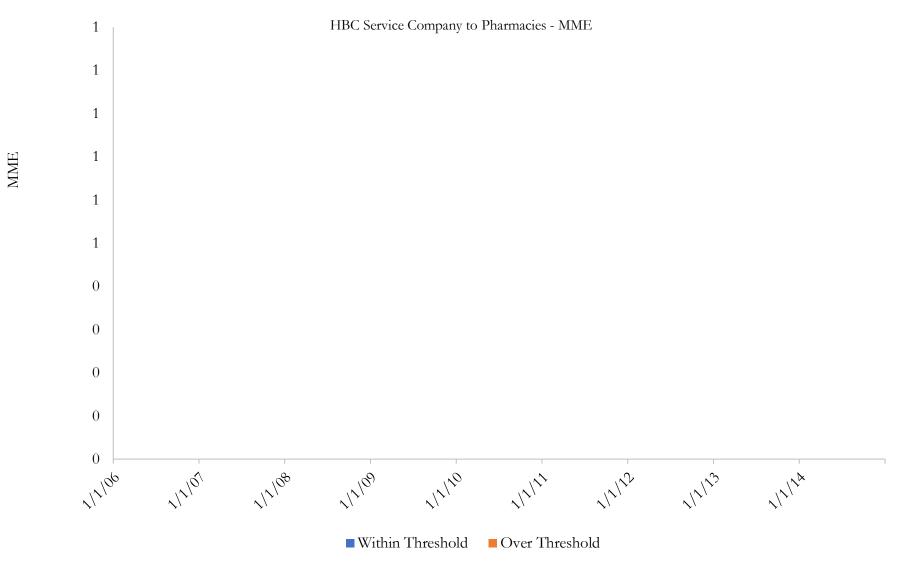
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



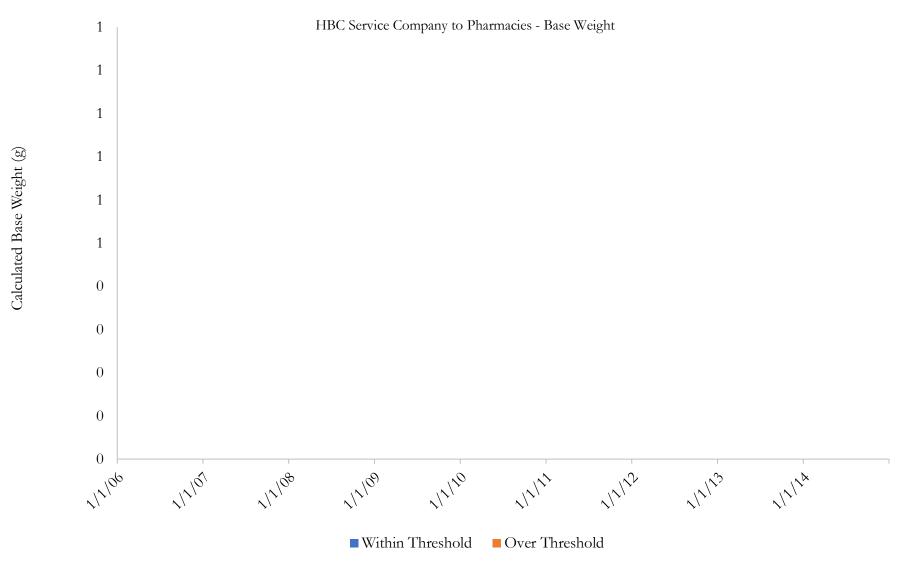
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



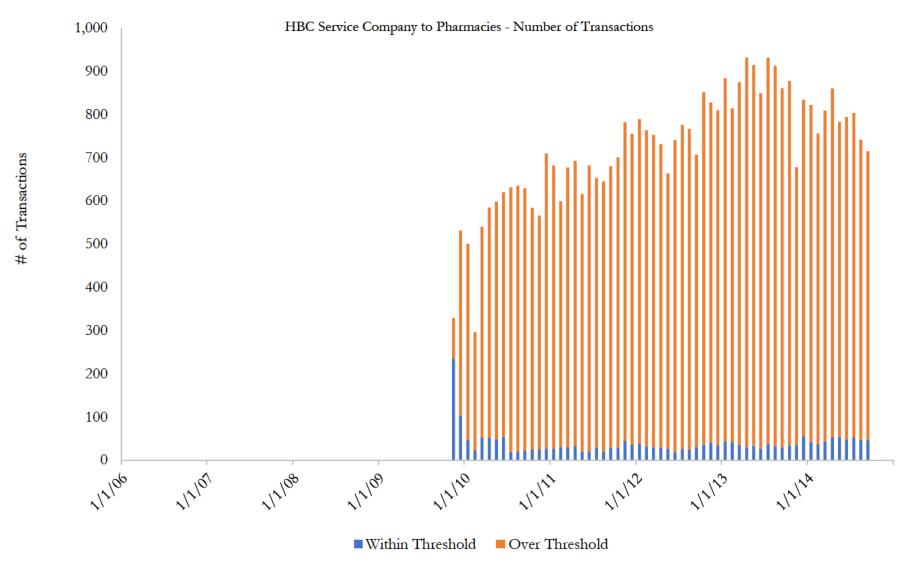
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



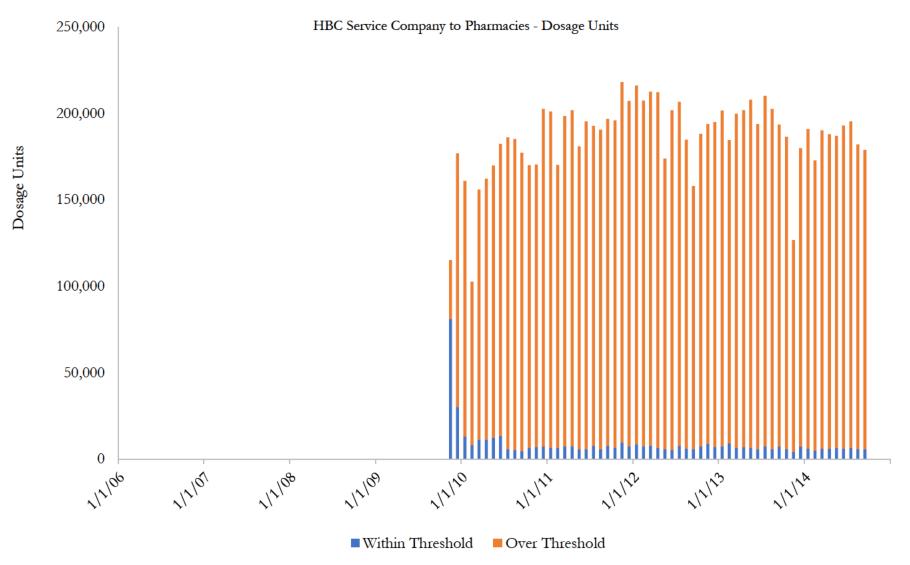
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



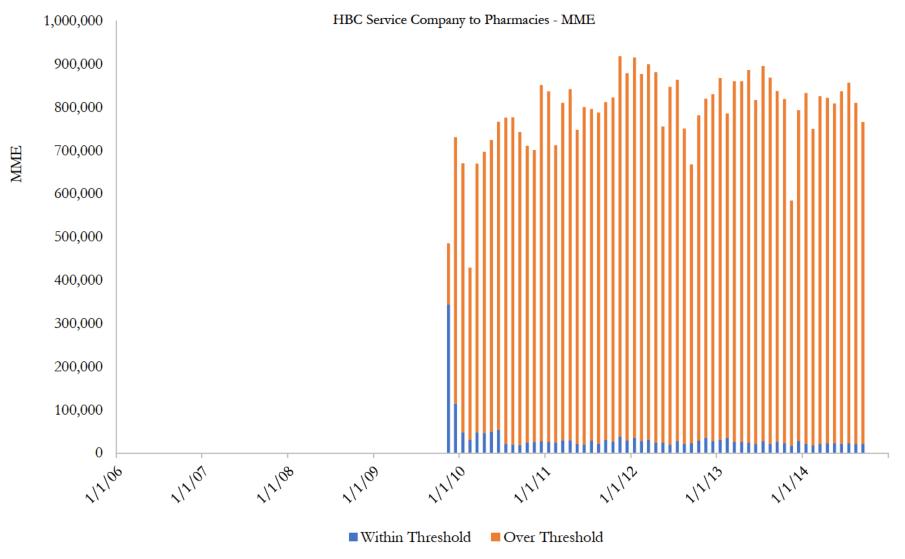
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



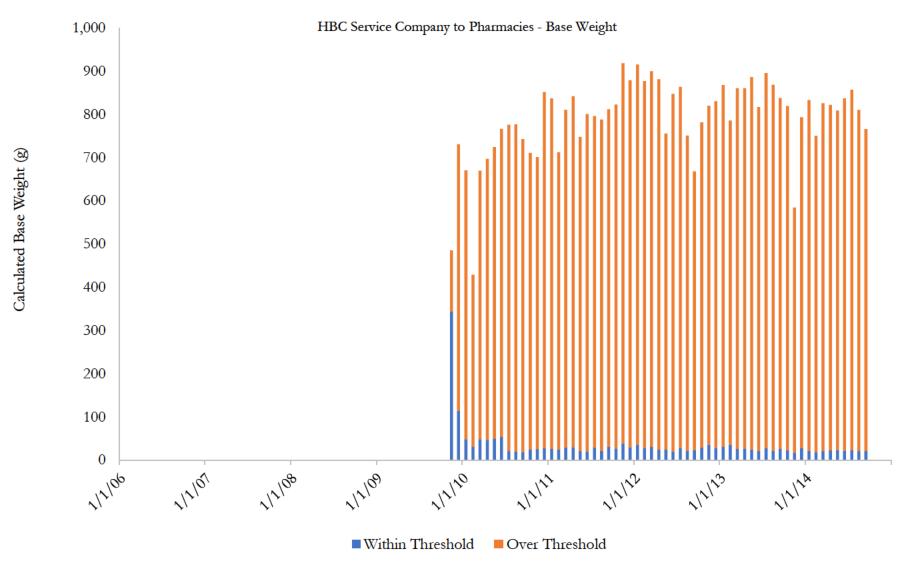
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units

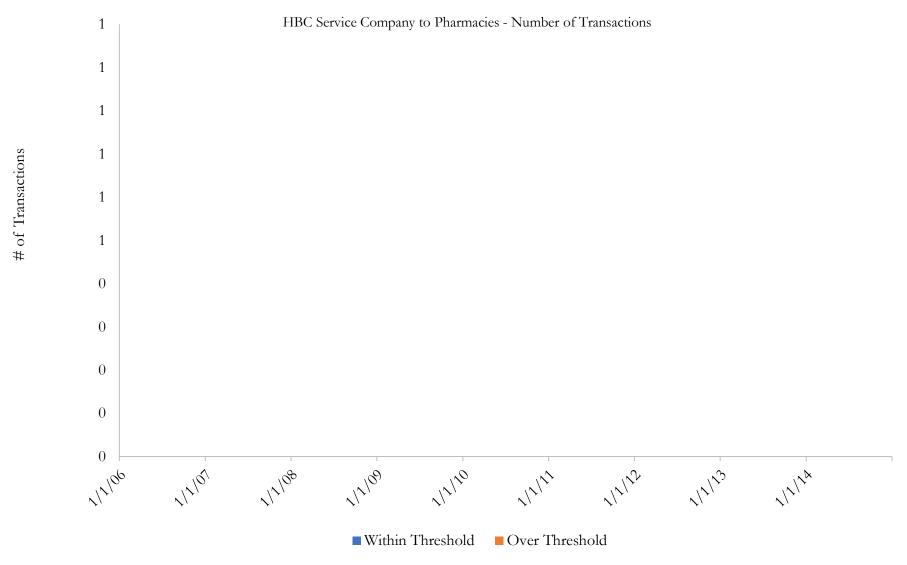
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	42,543	0	137	0	0	0	0	0	0	0	0	42,680
Total # of Transactions	0	42,545	0	1,263	0	0	0	0	0	0	0	0	43,808
Percentage of Total # of Transactions	0.0%	100.0%	0.0%	10.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	97.4%
Flagged Orders - Dosage Units	0	10,987,800	0	57,900	0	0	0	0	0	0	0	0	11,045,700
Total Dosage Units	0	10,988,100	0	631,000	0	0	0	0	0	0	0	0	11,619,100
Percentage of Total Dosage Units	0.0%	100.0%	0.0%	9.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	95.1%
Flagged Orders - MME	0	46,595,130	0	222,115	0	0	0	0	0	0	0	0	46,817,245
Total MME	0	46,596,946	0	2,345,303	0	0	0	0	0	0	0	0	48,942,249
Percentage of Total MME	0.0%	100.0%	0.0%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	95.7%
Flagged Orders - Calculated Base Weight (g)	0	46,595	0	1,481	0	0	0	0	0	0	0	0	48,076
Total Calculated Base Weight (g)	0	46,597	0	15,635	0	0	0	0	0	0	0	0	62,232
Percentage of Total Calculated Base Weight (g)	0.0%	100.0%	0.0%	9.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	77.3%

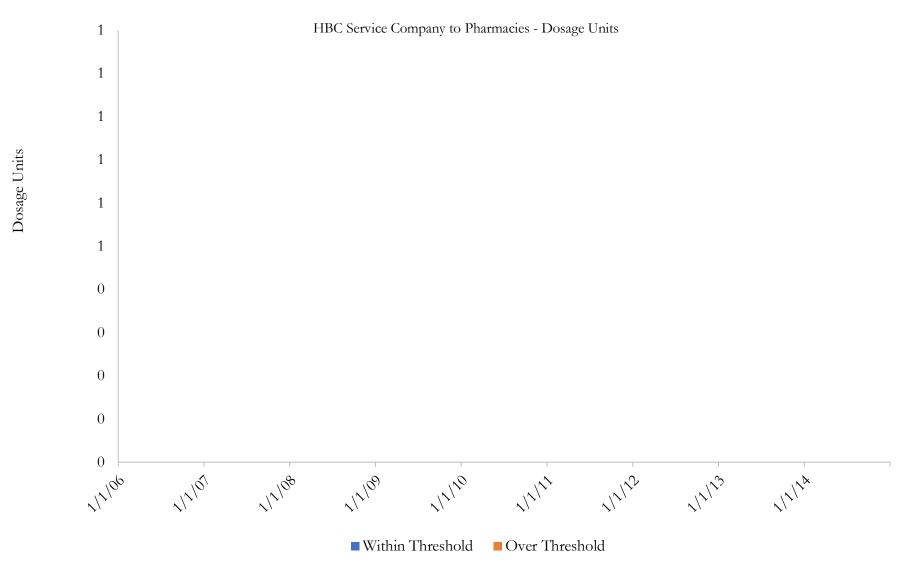
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

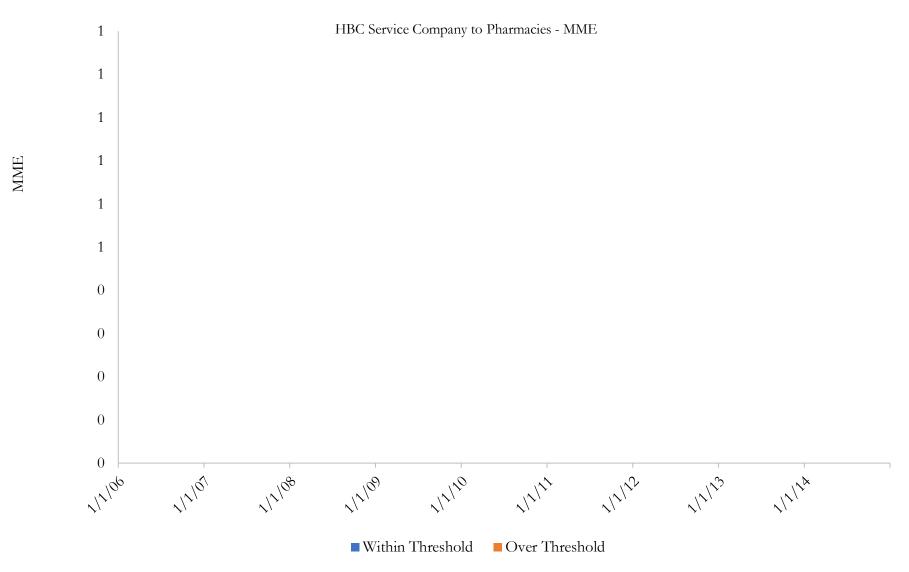
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



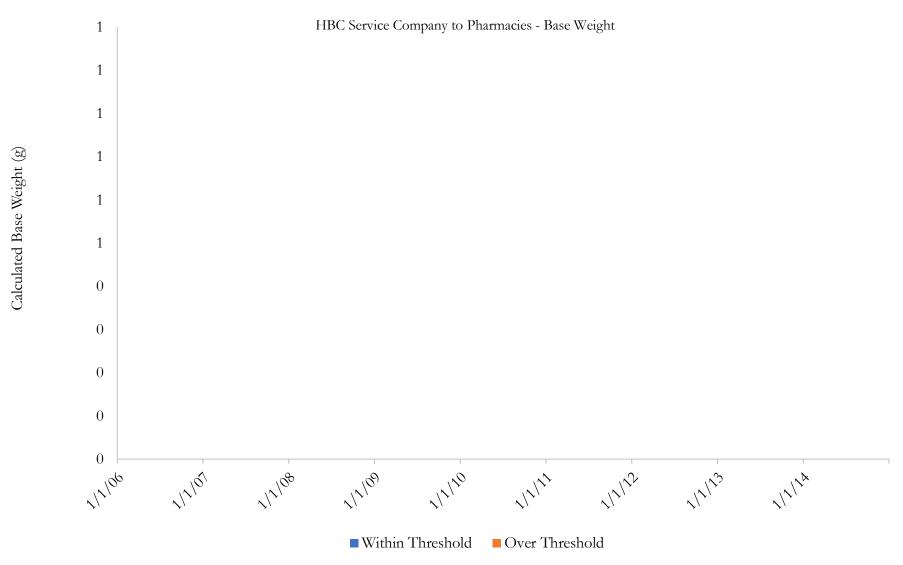
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



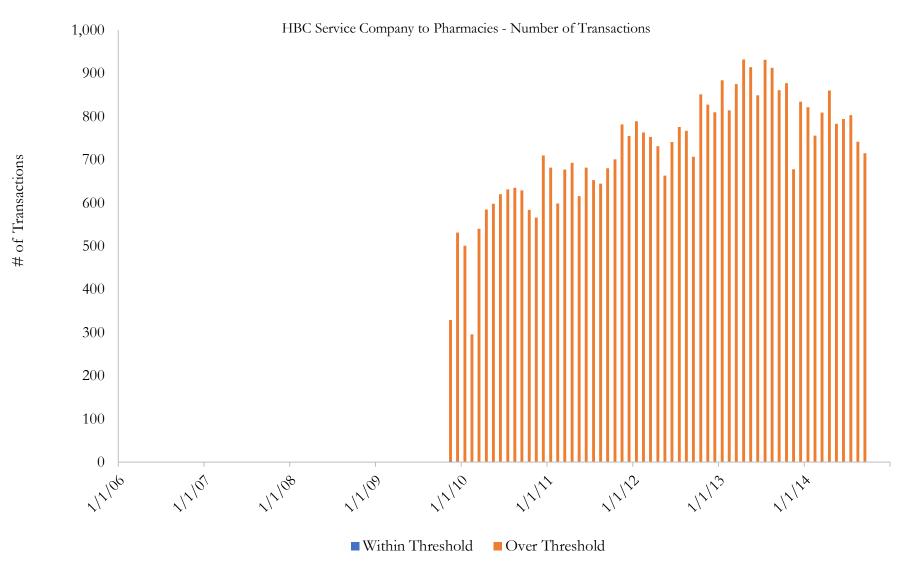
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



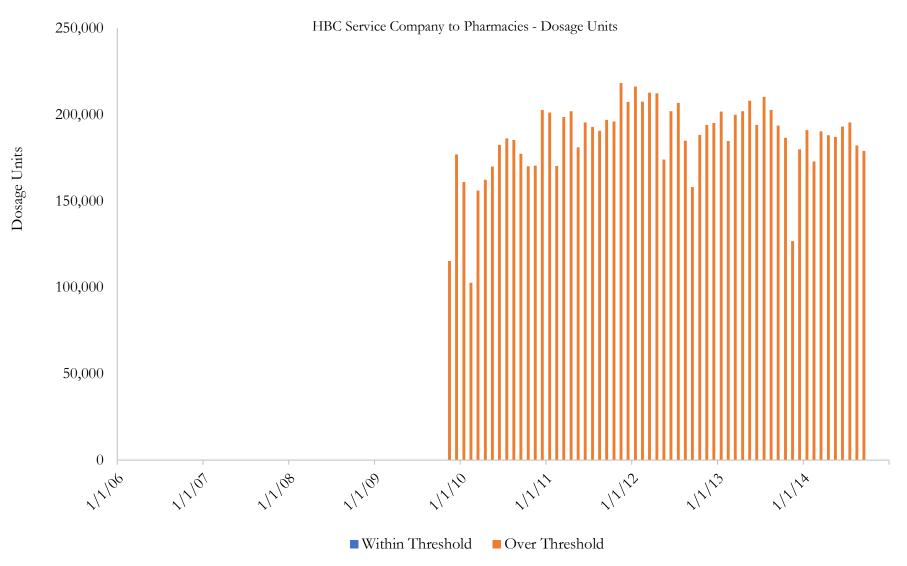
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



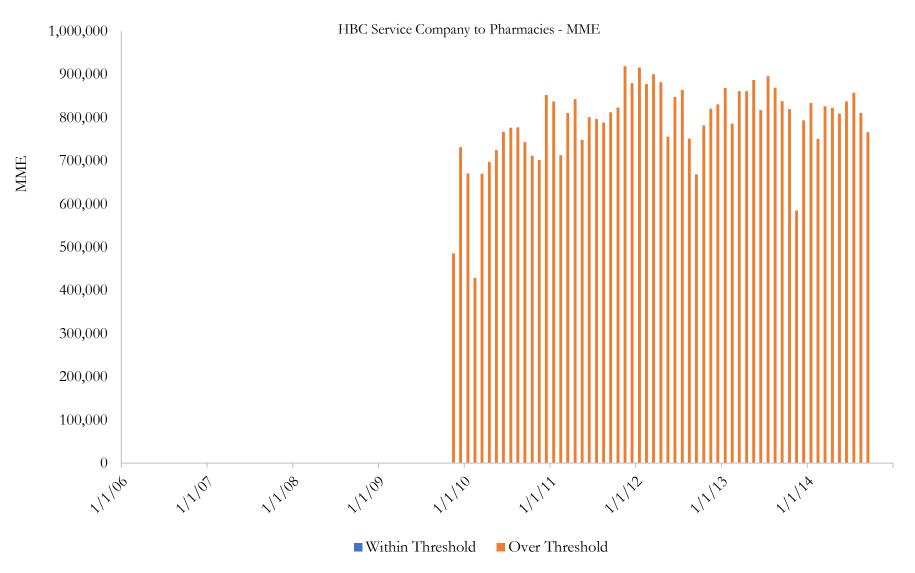
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



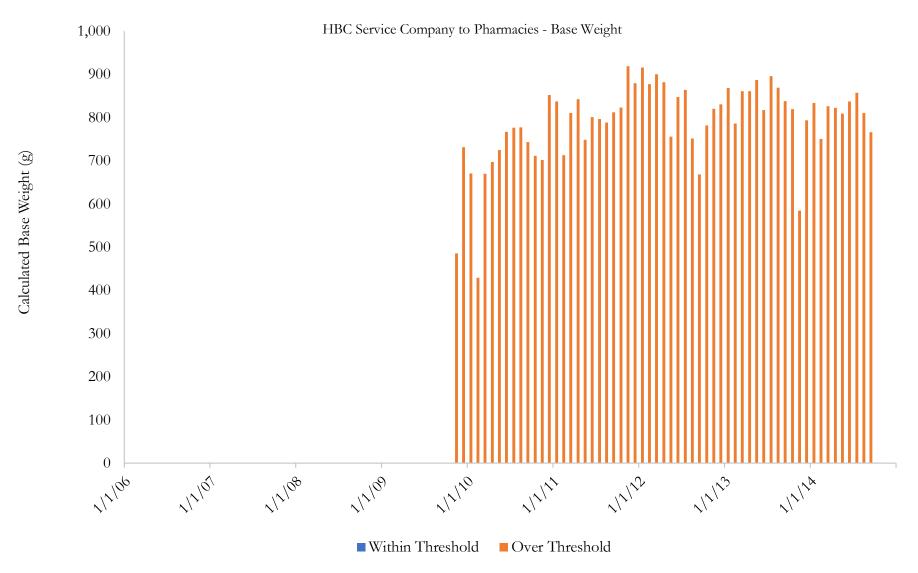
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days

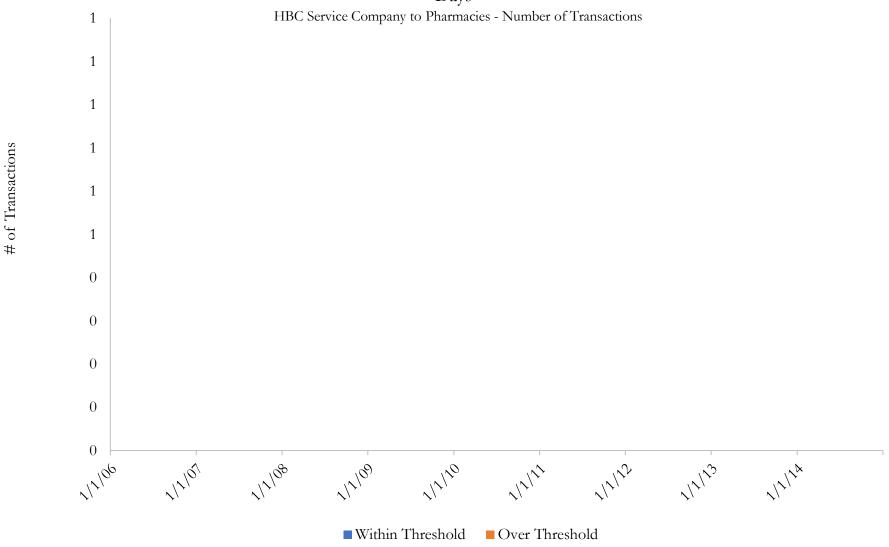
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	39,136	0	1,101	0	0	0	0	0	0	0	0	40,237
Total # of Transactions	0	42,545	0	1,263	0	0	0	0	0	0	0	0	43,808
Percentage of Total # of Transactions	0.0%	92.0%	0.0%	87.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	91.8%
Flagged Orders - Dosage Units	0	9,916,600	0	540,900	0	0	0	0	0	0	0	0	10,457,500
Total Dosage Units	0	10,988,100	0	631,000	0	0	0	0	0	0	0	0	11,619,100
Percentage of Total Dosage Units	0.0%	90.2%	0.0%	85.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	90.0%
Flagged Orders - MME	0	42,075,120	0	2,016,440	0	0	0	0	0	0	0	0	44,091,560
Total MME	0	46,596,946	0	2,345,303	0	0	0	0	0	0	0	0	48,942,249
Percentage of Total MME	0.0%	90.3%	0.0%	86.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	90.1%
Flagged Orders - Calculated Base Weight (g)	0	42,075	0	13,443	0	0	0	0	0	0	0	0	55,518
Total Calculated Base Weight (g)	0	46,597	0	15,635	0	0	0	0	0	0	0	0	62,232
Percentage of Total Calculated Base Weight (g)	0.0%	90.3%	0.0%	86.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	89.2%

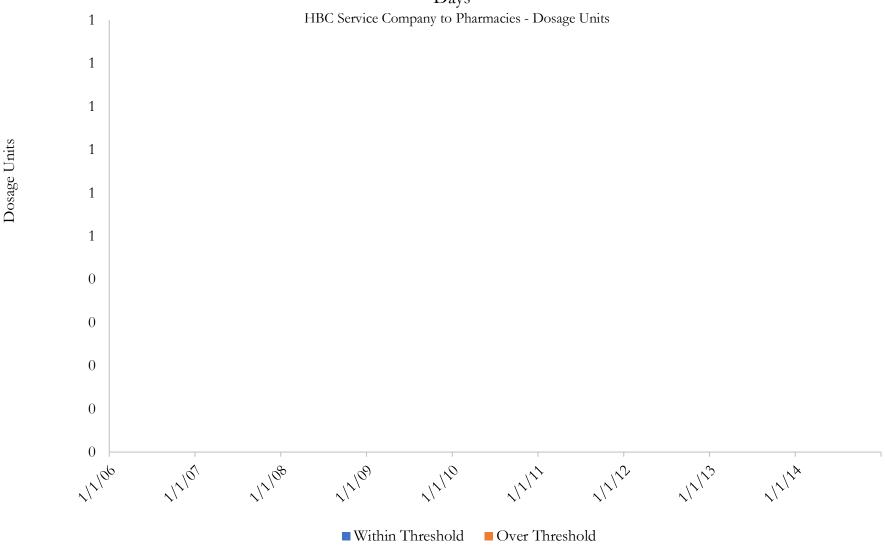
Notes:

Once an order(s) plus the total shipments over the prior 29 days exceeds the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

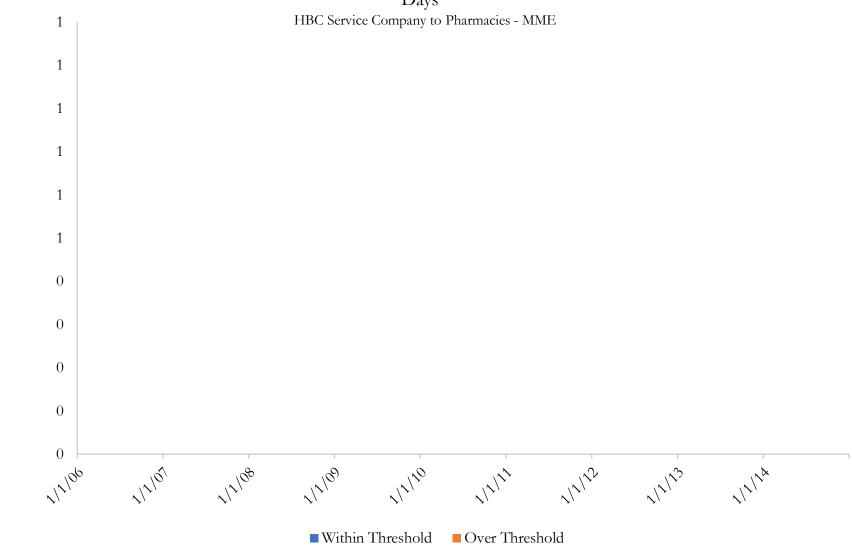
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



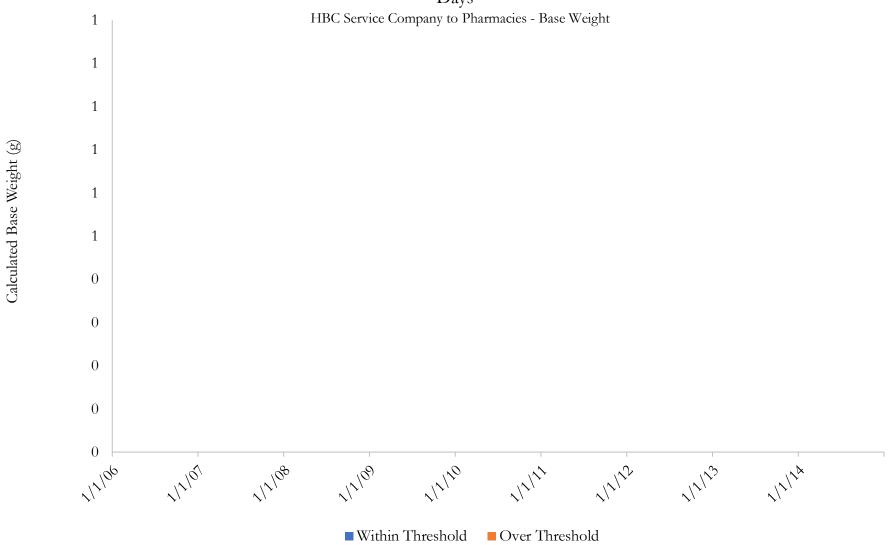
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



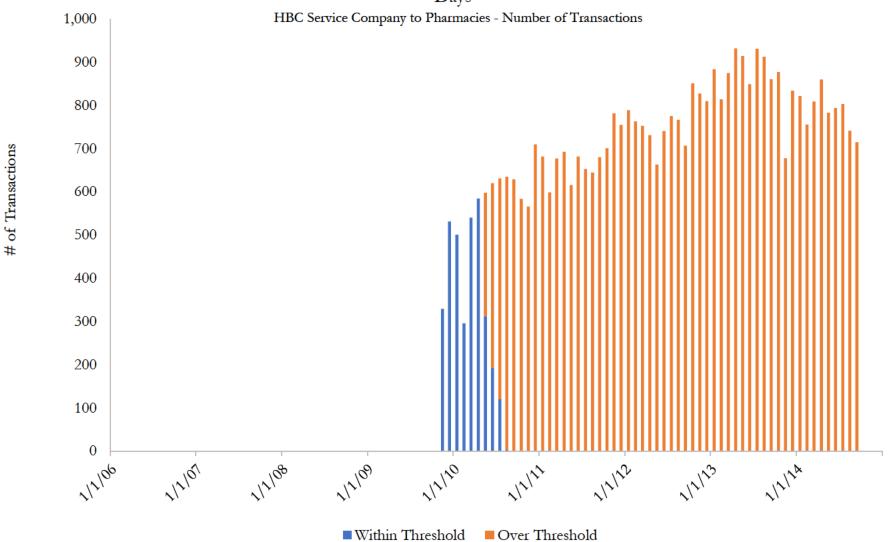
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



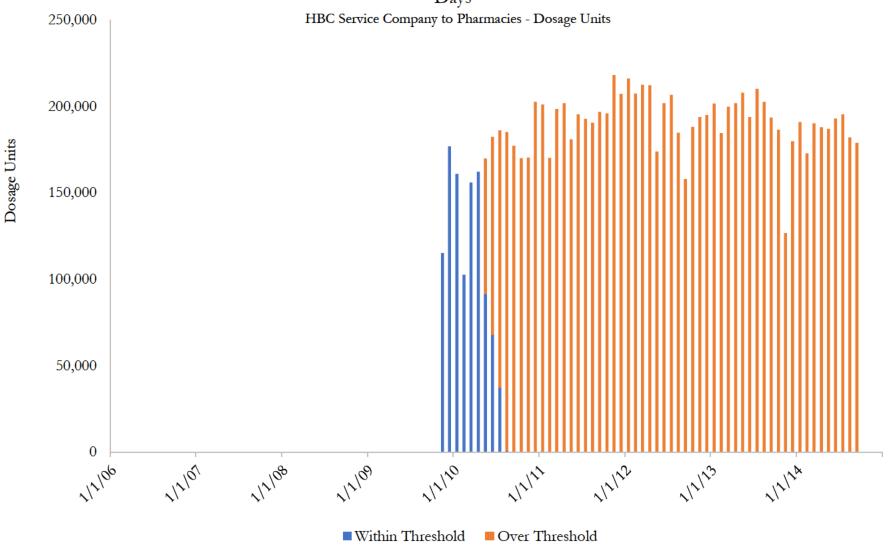
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



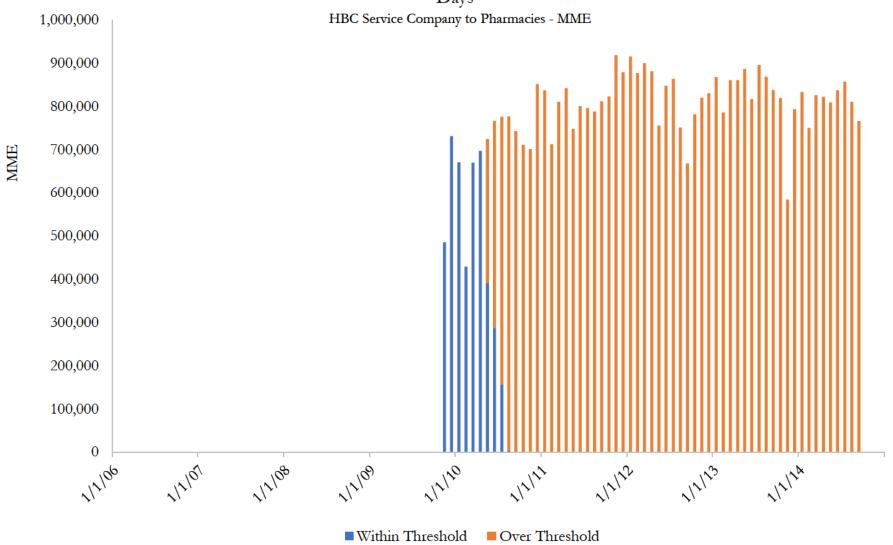
> Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



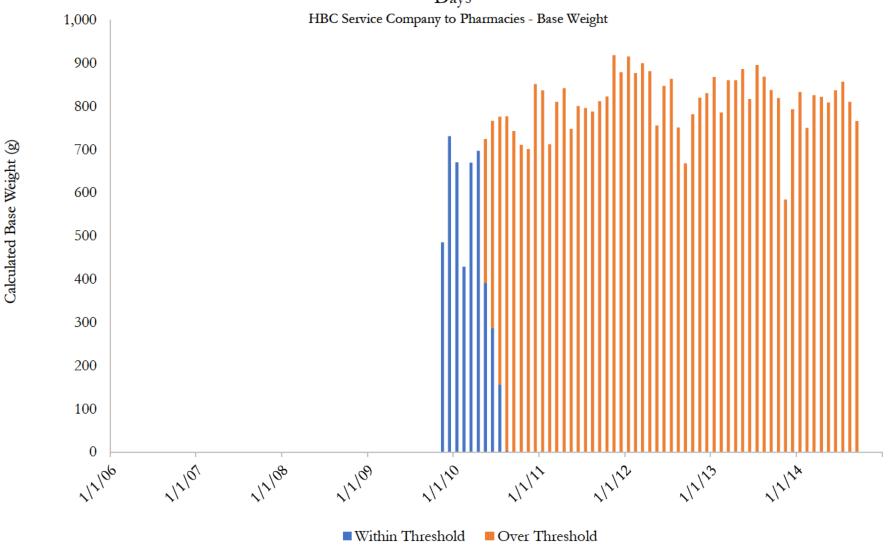
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



> Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Total Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	13,839	0	453	0	0	0	0	0	0	0	0	14,292
Total # of Transactions	0	15,507	0	552	0	0	0	0	0	0	0	0	16,059
Percentage of Total # of Transactions	0.0%	89.2%	0.0%	82.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	89.0%
	0	2 0 (1 0 0 0	0	227 700		0	0	0	0	0		0	2 200 700
Flagged Orders - Dosage Units	0	3,064,800	0	225,700	0	0	0	0	0	0	0	0	3,290,500
Total Dosage Units	0	3,544,400	0	290,700	0	0	0	0	0	0	0	0	3,835,100
Percentage of Total Dosage Units	0.0%	86.5%	0.0%	77.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	85.8%
Flagged Orders - MME	0	11,867,849	0	846,689	0	0	0	0	0	0	0	0	12,714,538
Total MME	0	13,700,367	0	1,075,435	0	0	0	0	0	0	0	0	14,775,802
Percentage of Total MME	0.0%	86.6%	0.0%	78.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.0%
Flagged Orders - Calculated Base Weight (g)	0	11,868	0	5,645	0	0	0	0	0	0	0	0	17,512
Total Calculated Base Weight (g)	0	13,700	0	7 , 170	0	0	0	0	0	0	0	0	20,870
Percentage of Total Calculated Base Weight (g)	0.0%	86.6%	0.0%	78.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	83.9%

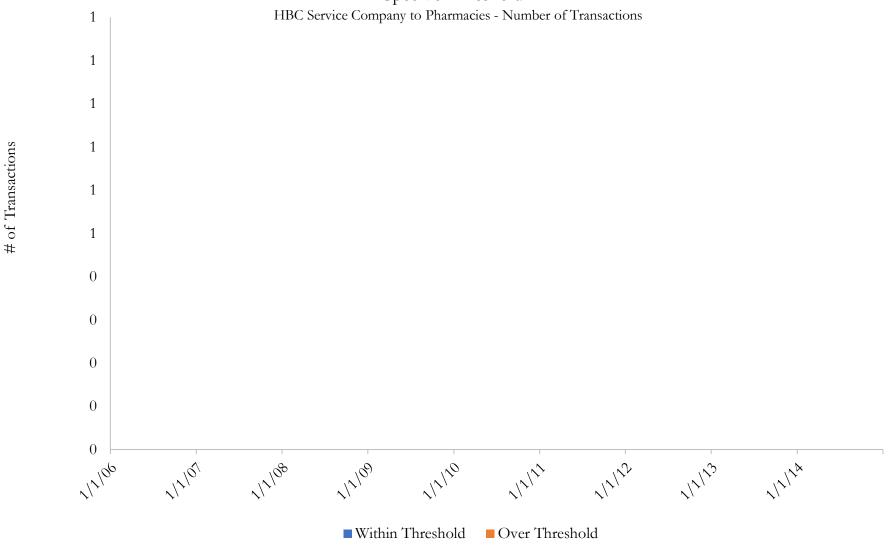
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

Case: 1:17-md-02804-DAP Doc #: 4218-52 Filed: 12/29/21 68 of 382. PageID #: 568036 CONFIDENTIAL - SUBJECT TO PROTECTIVE ORDER

HBC Service Company to Pharmacies in Lake County, OH 2006-2014

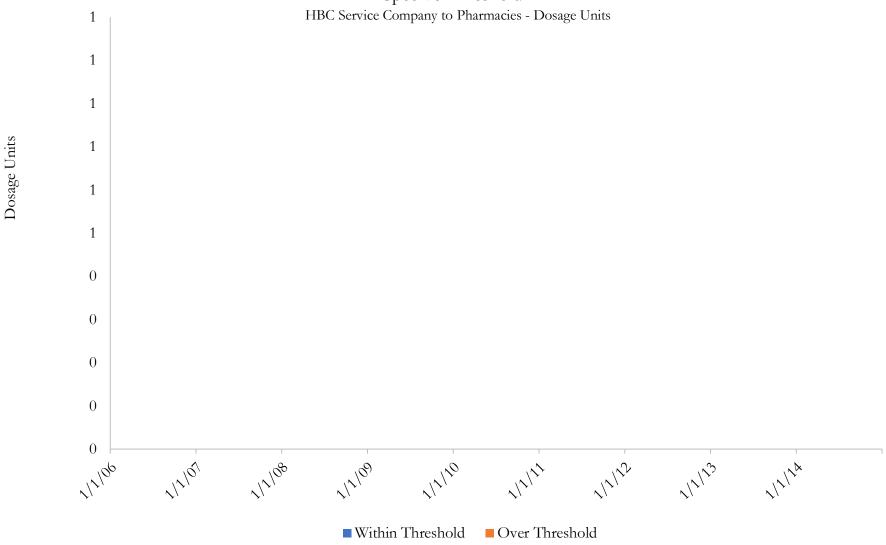
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Case: 1:17-md-02804-DAP Doc #: 4218-52 Filed: 12/29/21 69 of 382. PageID #: 568037 CONFIDENTIAL - SUBJECT TO PROTECTIVE ORDER

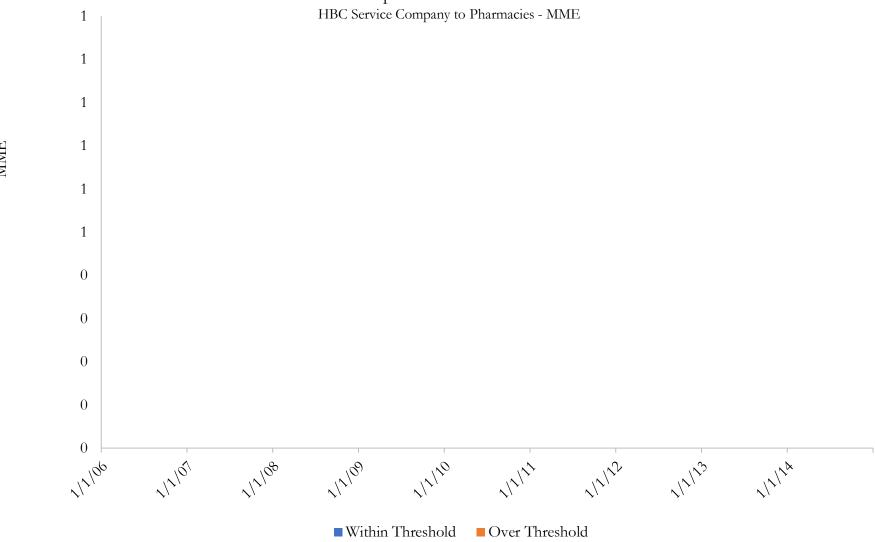
HBC Service Company to Pharmacies in Lake County, OH 2006-2014

Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



HBC Service Company to Pharmacies in Lake County, OH 2006-2014

Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



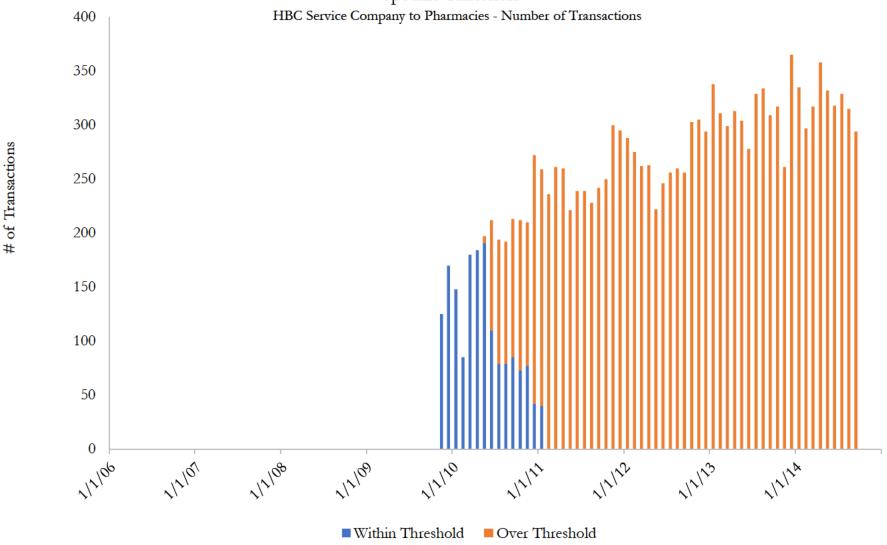
HBC Service Company to Pharmacies in Lake County, OH 2006-2014

Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

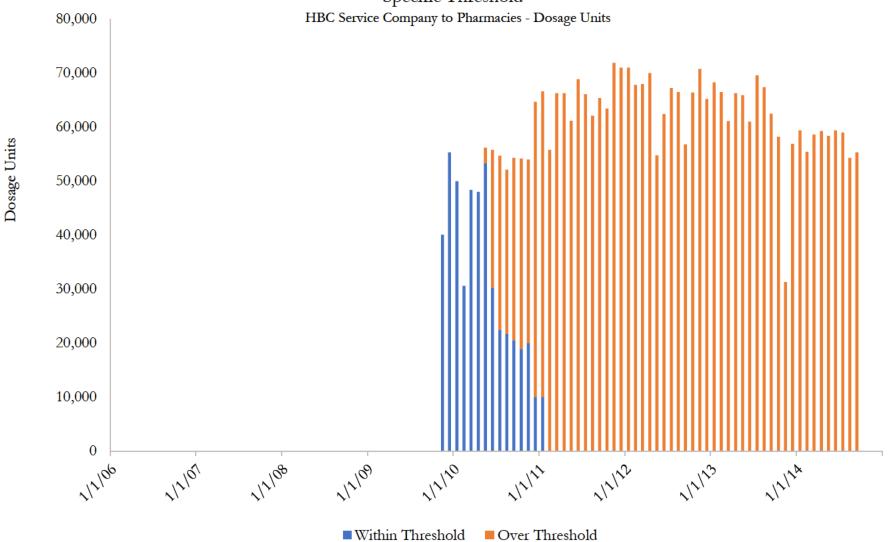


Pharmacies in Lake County, OH 2006-2014

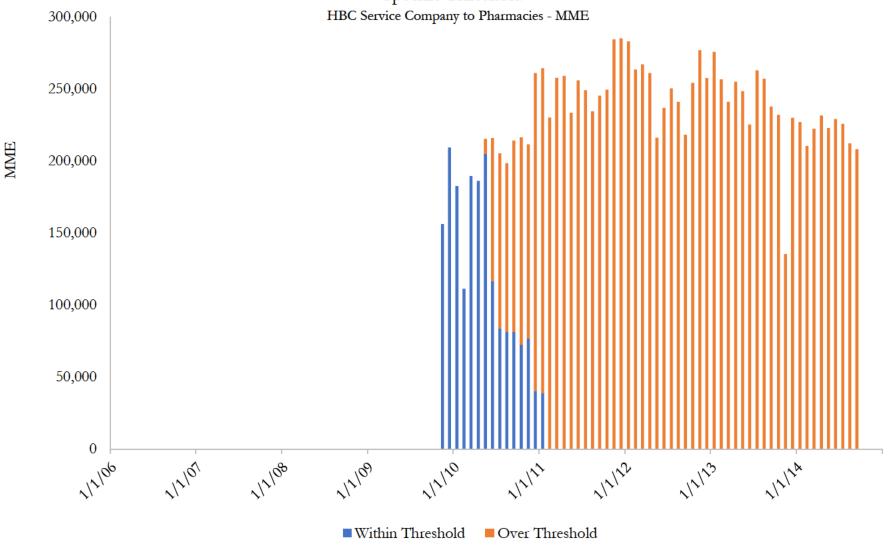
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



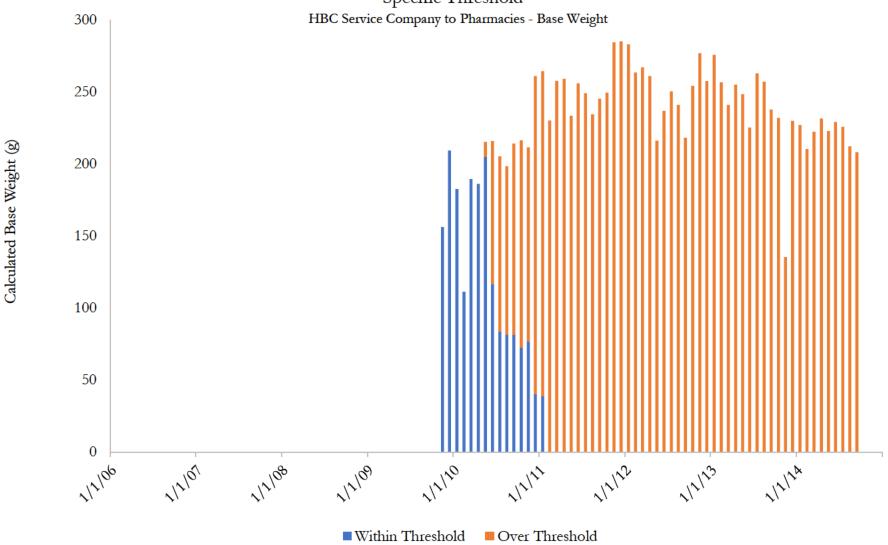
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Total Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

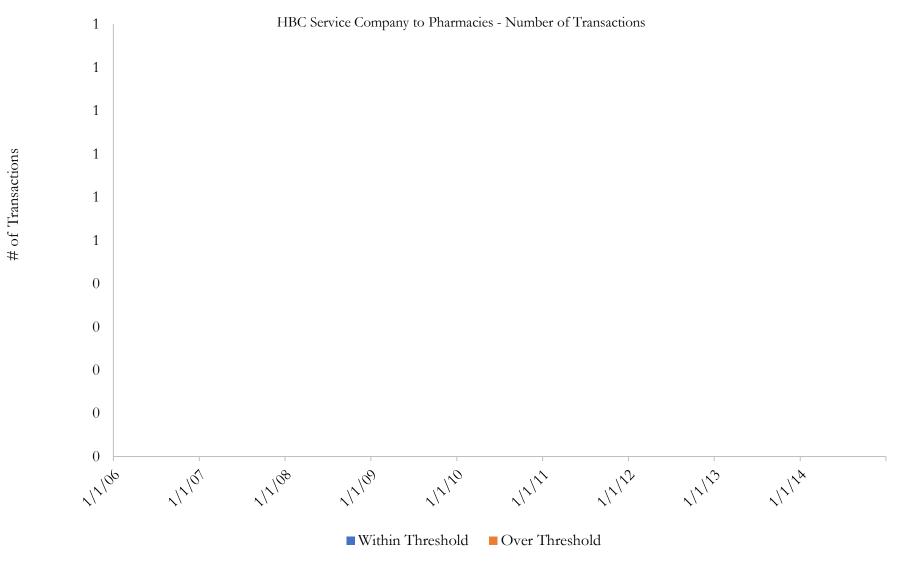
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	1,911	0	103	0	0	0	0	0	0	0	0	2,014
Total # of Transactions	0	15,507	0	552	0	0	0	0	0	0	0	0	16,059
Percentage of Total # of Transactions	0.0%	12.3%	0.0%	18.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	12.5%
Flagged Orders - Dosage Units	0	454,800	0	57,700	0	0	0	0	0	0	0	0	512,500
Total Dosage Units	0	3,544,400	0	290,700	0	0	0	0	0	0	0	0	3,835,100
Percentage of Total Dosage Units	0.0%	12.8%	0.0%	19.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	13.4%
Flagged Orders - MME	0	1,745,225	0	213,496	0	0	0	0	0	0	0	0	1,958,720
Total MME	0	13,700,367	0	1,075,435	0	0	0	0	0	0	0	0	14,775,802
Percentage of Total MME	0.0%	12.7%	0.0%	19.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	13.3%
Flagged Orders - Calculated Base Weight (g)	0	1,745	0	1,423	0	0	0	0	0	0	0	0	3,169
Total Calculated Base Weight (g)	0	13,700	0	7,170	0	0	0	0	0	0	0	0	20,870
Percentage of Total Calculated Base Weight (g)	0.0%	12.7%	0.0%	19.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	15.2%

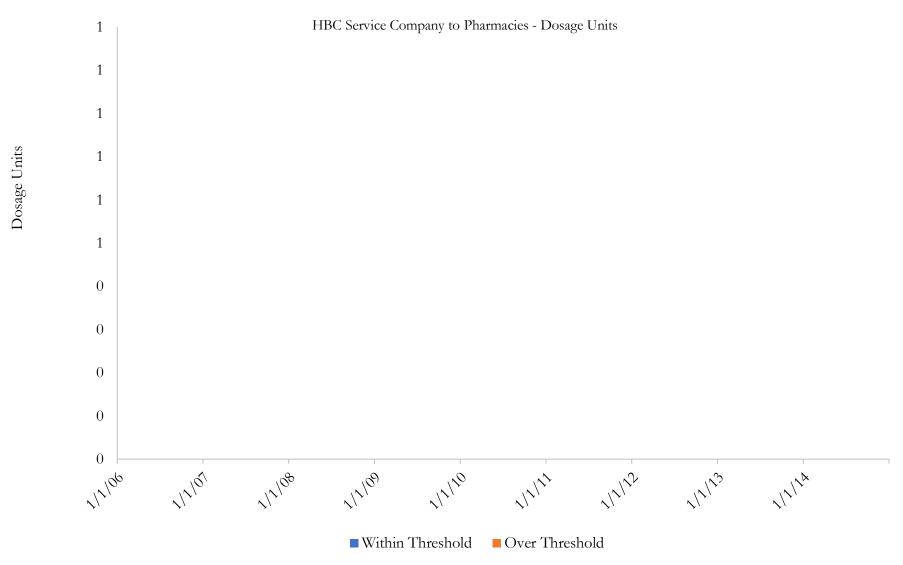
Notes:

Once an order(s) exceeds the largest total order of any of the previous six months all subsequent monthly threshold is fixed. All monthly order(s) exceeding this threshold is considered suspicious. This method assumes no due diligence on the suspicious order(s), but it is cleared and shipped.

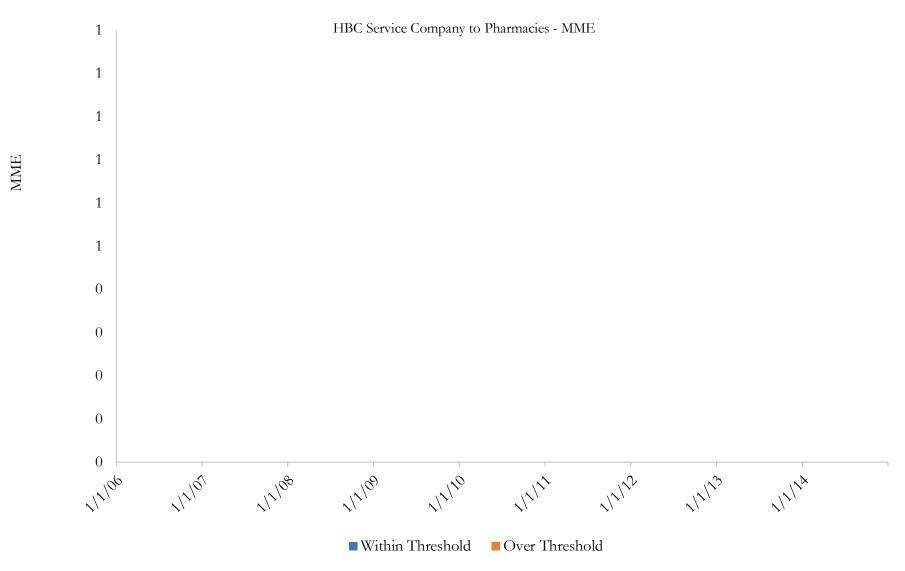
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



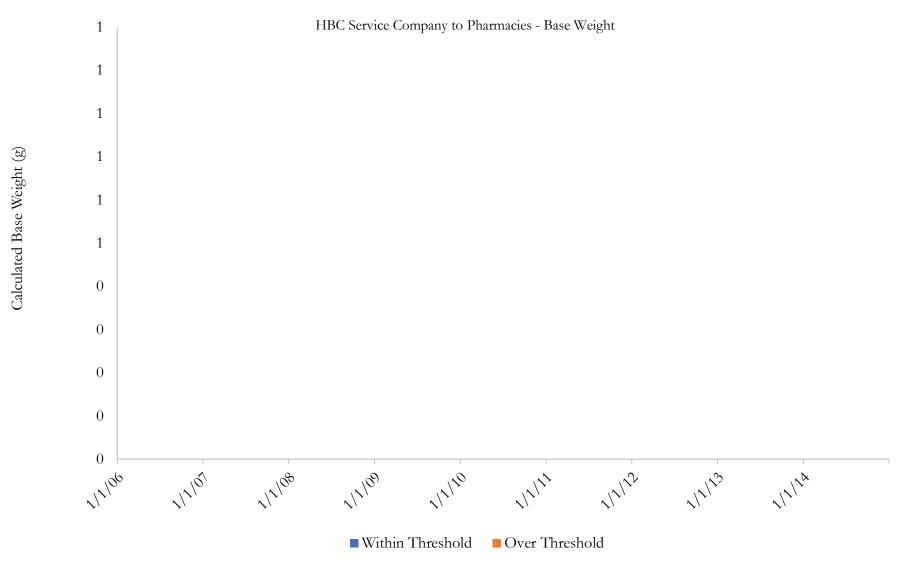
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



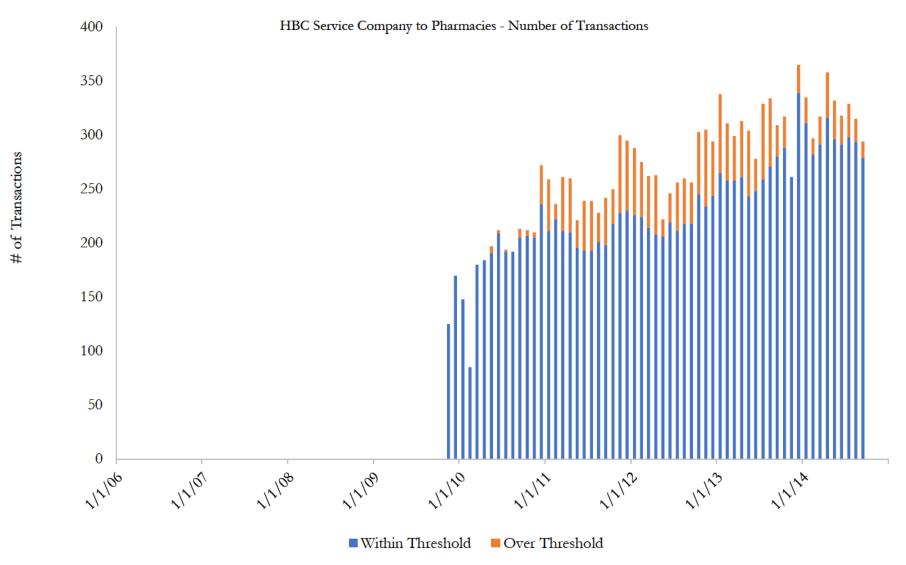
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



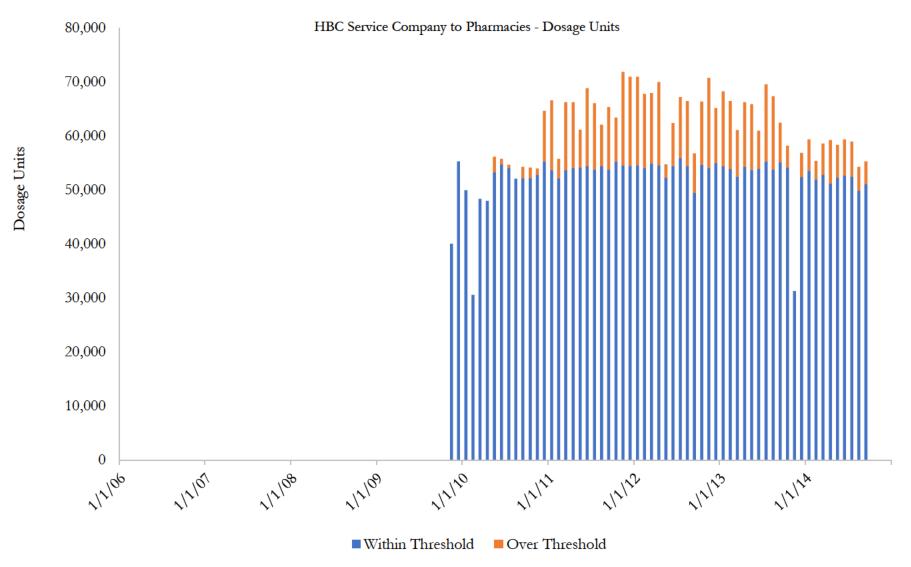
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



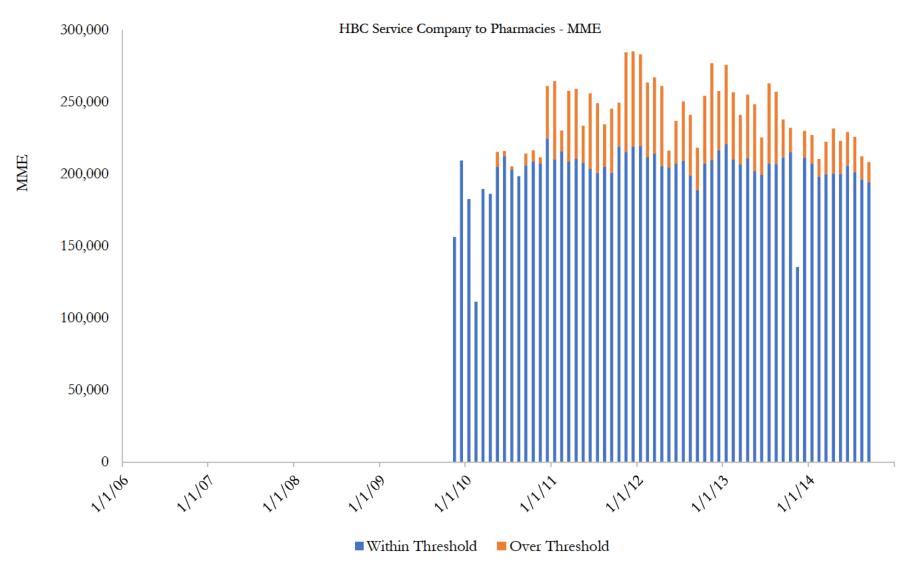
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



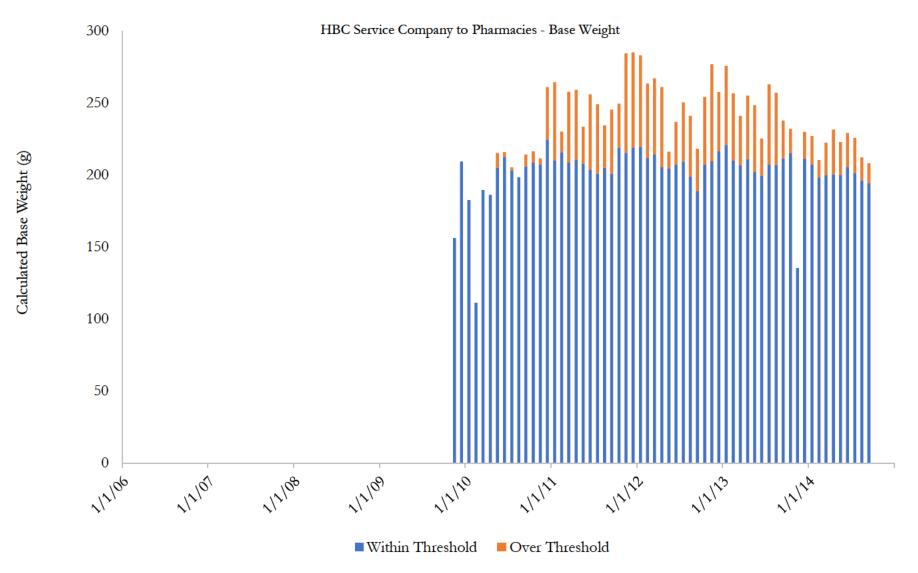
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Total Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

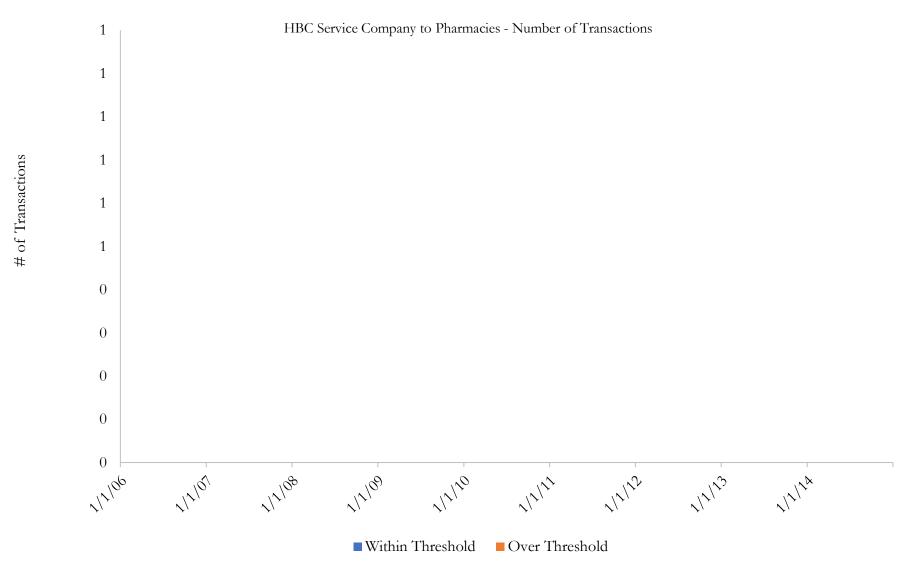
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	0	0	230	0	0	0	0	0	0	0	0	230
Total # of Transactions	0	15,507	0	552	0	0	0	0	0	0	0	0	16,059
Percentage of Total # of Transactions	0.0%	0.0%	0.0%	41.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%
Flagged Orders - Dosage Units	0	0	0	112,200	0	0	0	0	0	0	0	0	112,200
Total Dosage Units	0	3,544,400	0	290,700	0	0	0	0	0	0	0	0	3,835,100
Percentage of Total Dosage Units	0.0%	0.0%	0.0%	38.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%
Flagged Orders - MME	0	0	0	425,665	0	0	0	0	0	0	0	0	425,665
Total MME	0	13,700,367	0	1,075,435	0	0	0	0	0	0	0	0	14,775,802
Percentage of Total MME	0.0%	0.0%	0.0%	39.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%
Flagged Orders - Calculated Base Weight (g)	0	0	0	2,838	0	0	0	0	0	0	0	0	2,838
Total Calculated Base Weight (g)	0	13,700	0	7,170	0	0	0	0	0	0	0	0	20,870
Percentage of Total Calculated Base Weight (g)	0.0%	0.0%	0.0%	39.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	13.6%

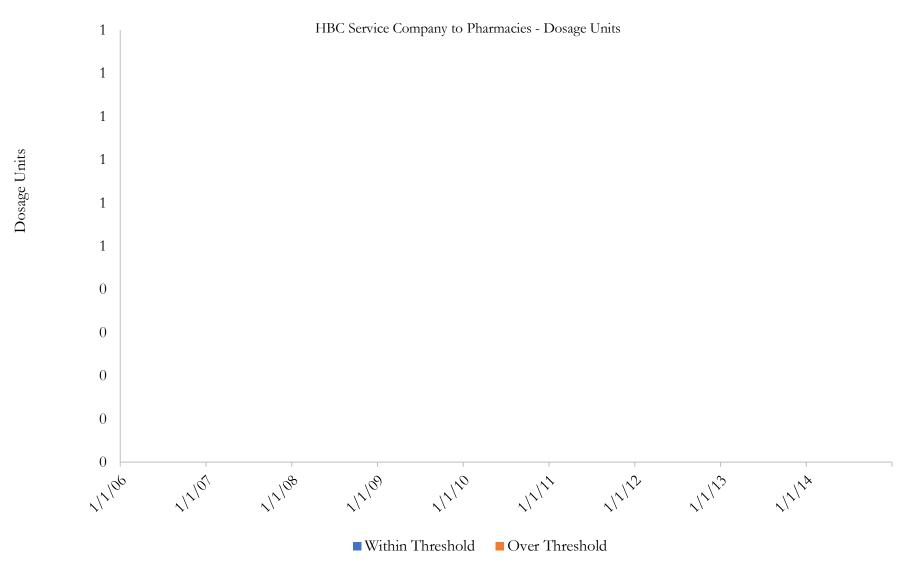
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

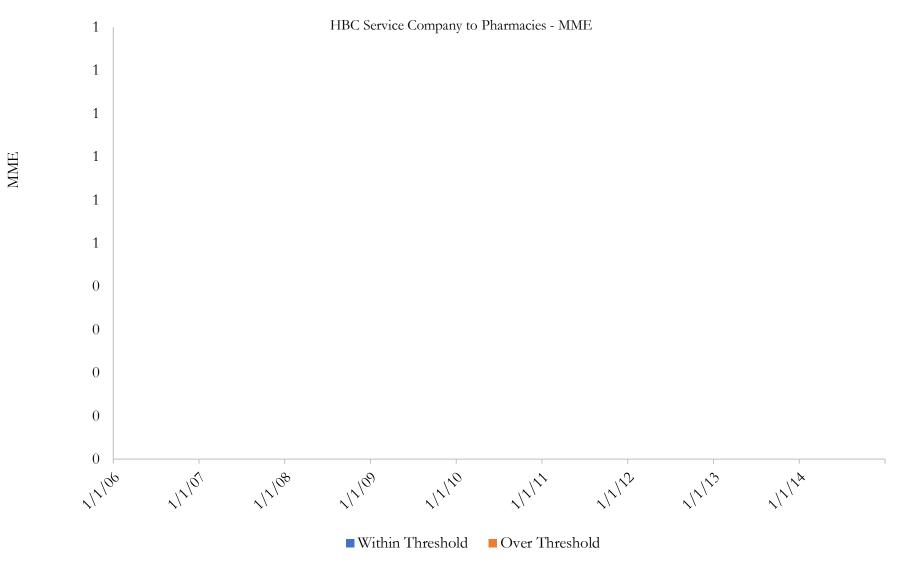
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



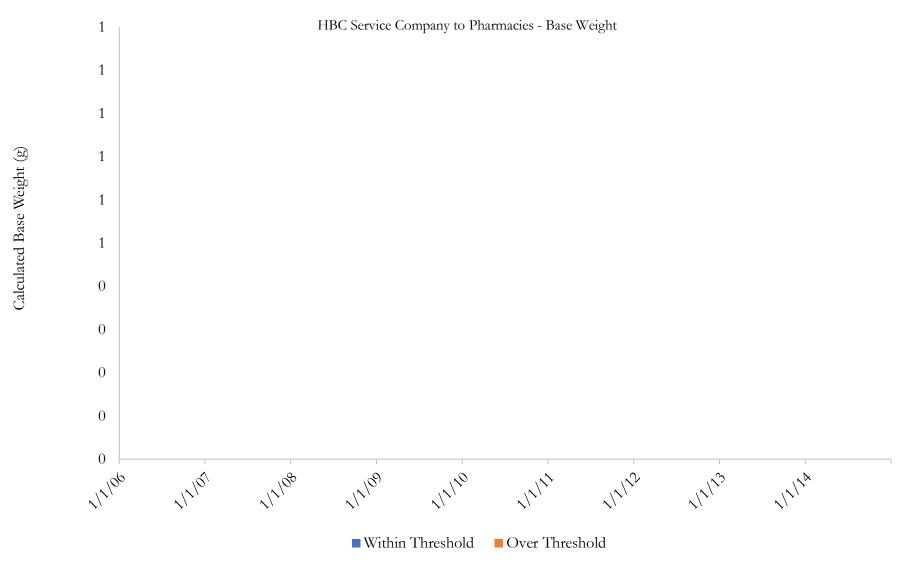
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



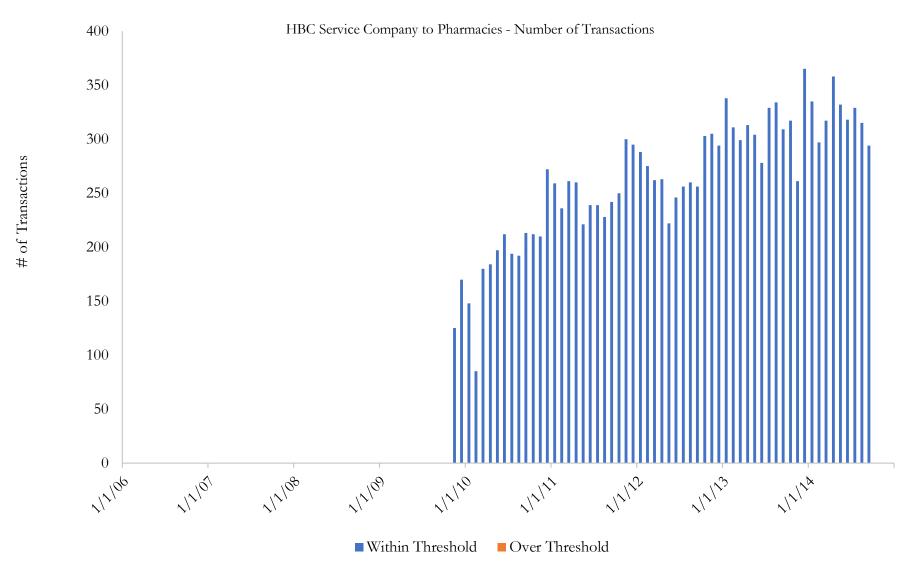
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



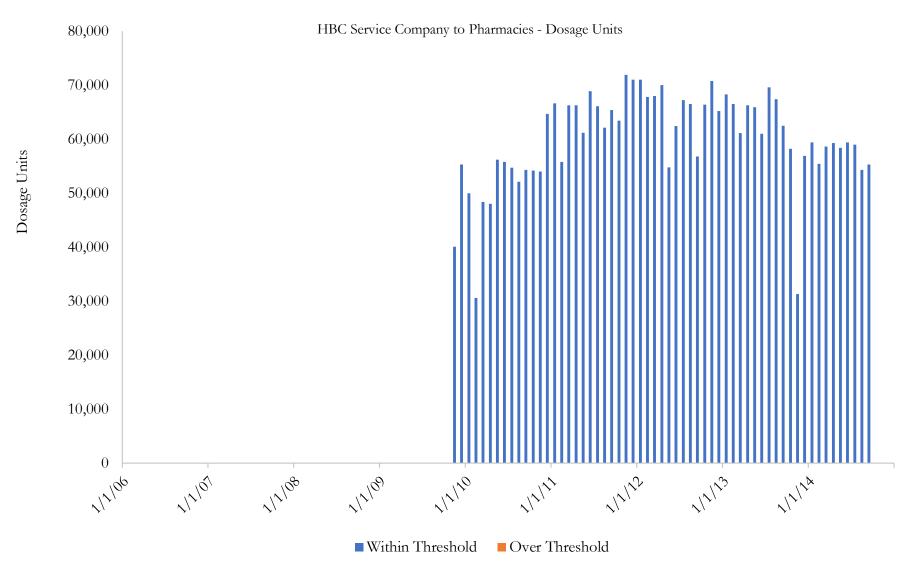
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



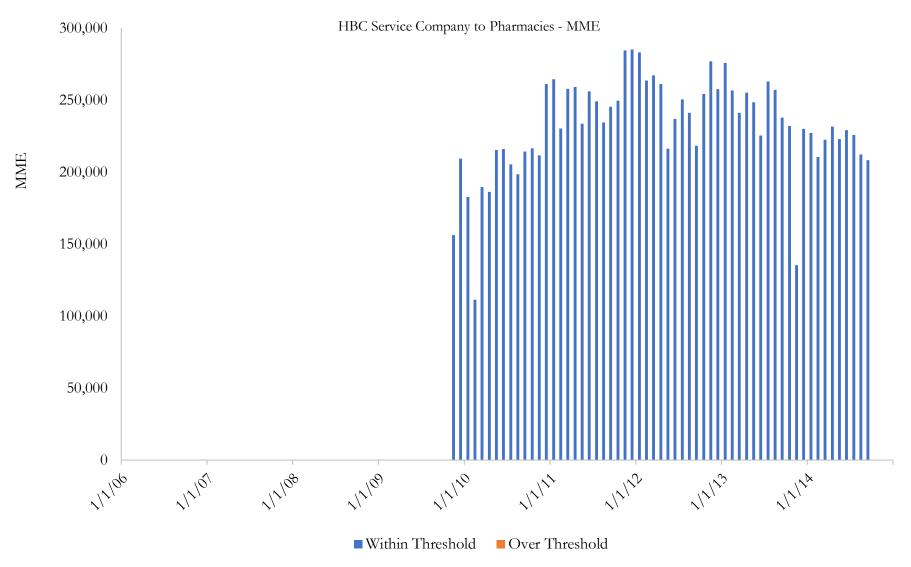
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



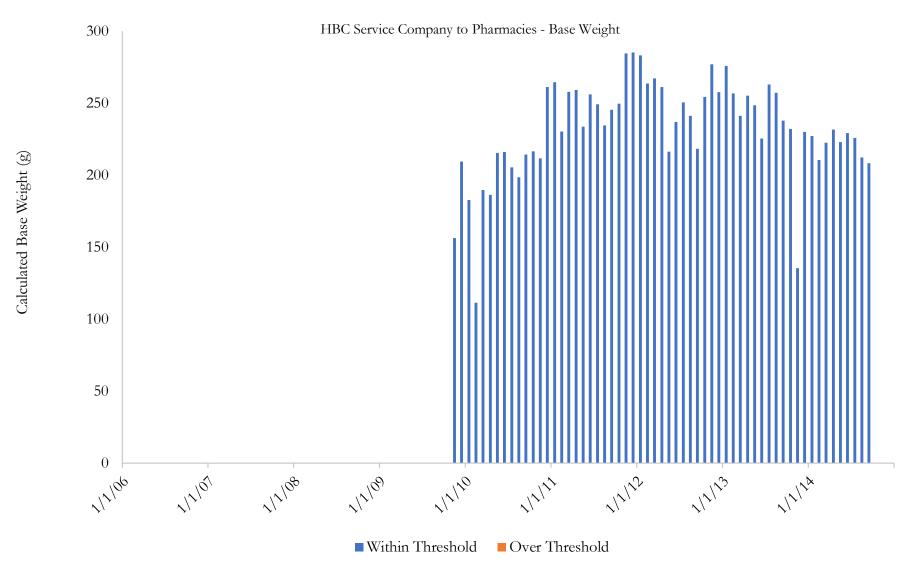
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units

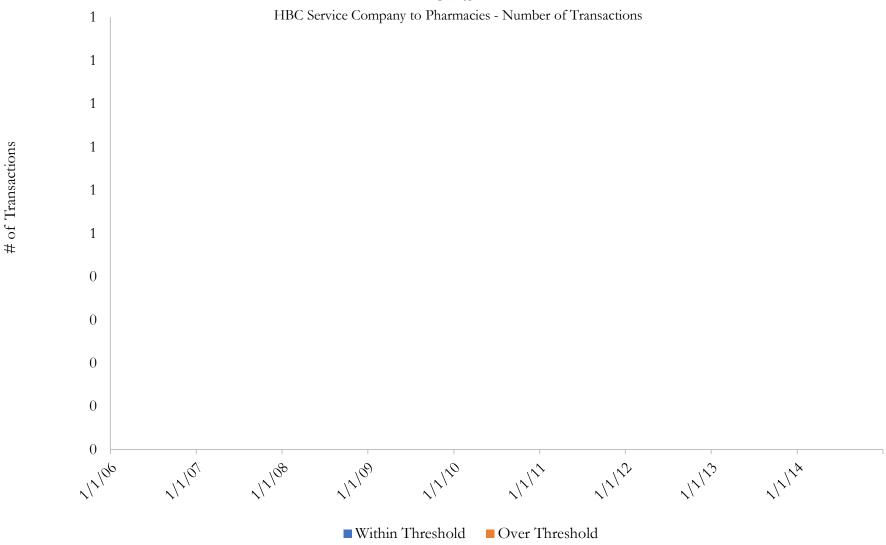
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	0	0	0	0	0	0	0	0	0	0	0	0
Total # of Transactions	0	15,507	0	552	0	0	0	0	0	0	0	0	16,059
Percentage of Total # of Transactions	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Flagged Orders - Dosage Units	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Dosage Units	0	3,544,400	0	290,700	0	0	0	0	0	0	0	0	3,835,100
Percentage of Total Dosage Units	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Flagged Orders - MME	0	0	0	0	0	0	0	0	0	0	0	0	0
Total MME	0	13,700,367	0	1,075,435	0	0	0	0	0	0	0	0	14,775,802
Percentage of Total MME	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Flagged Orders - Calculated Base Weight (g)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Calculated Base Weight (g)	0	13,700	0	7,170	0	0	0	0	0	0	0	0	20,870
Percentage of Total Calculated Base Weight (g)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

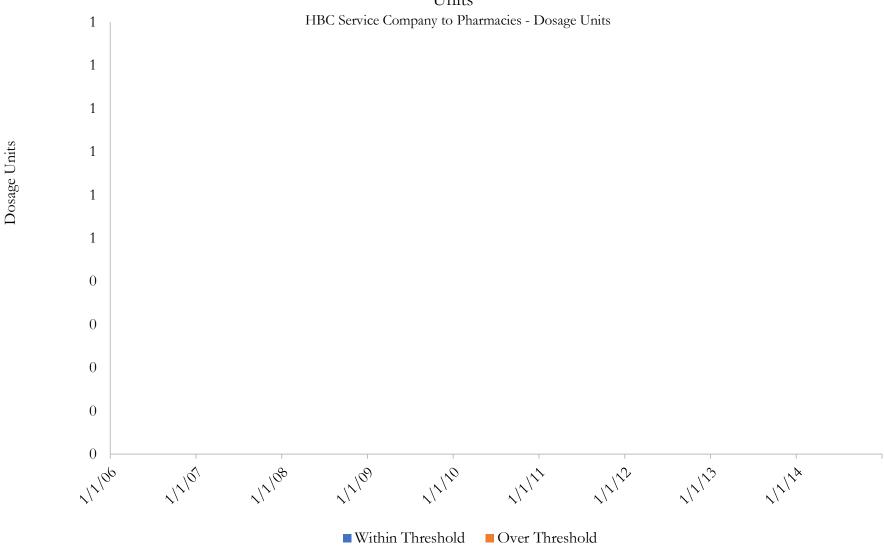
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

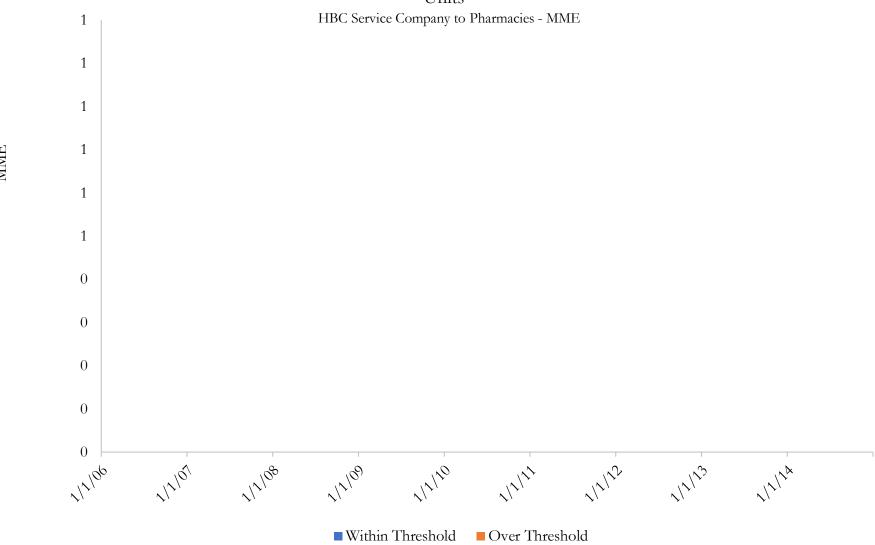
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



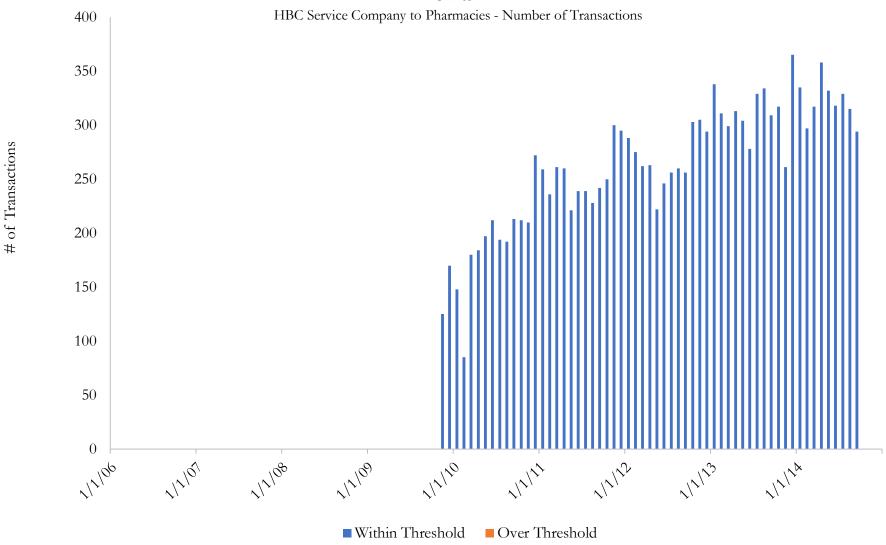
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



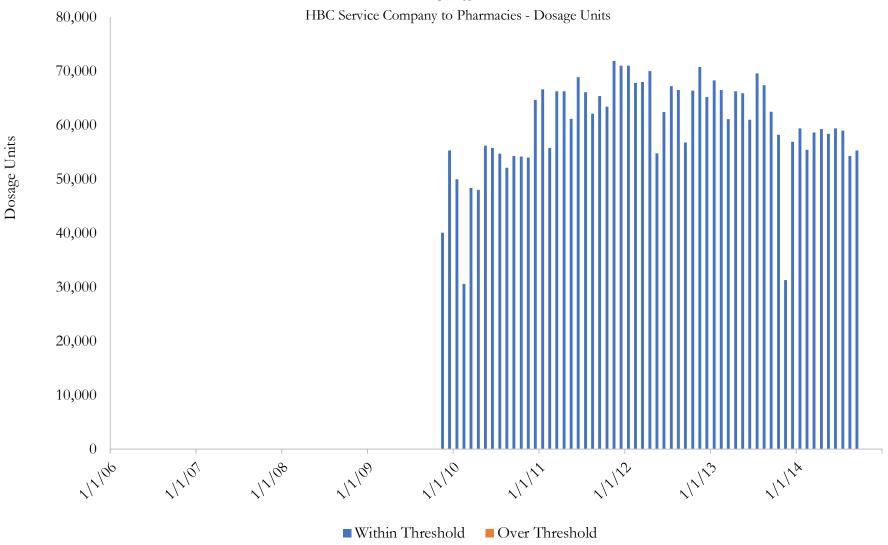
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



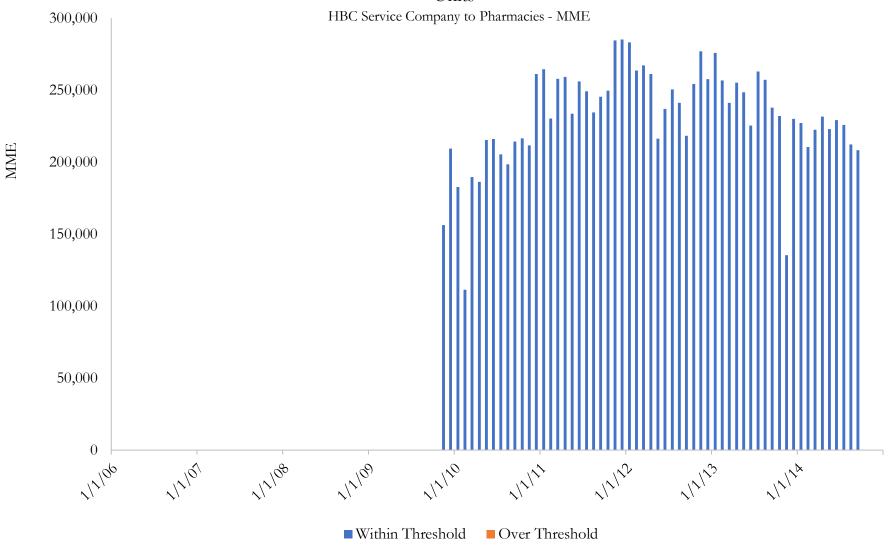
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



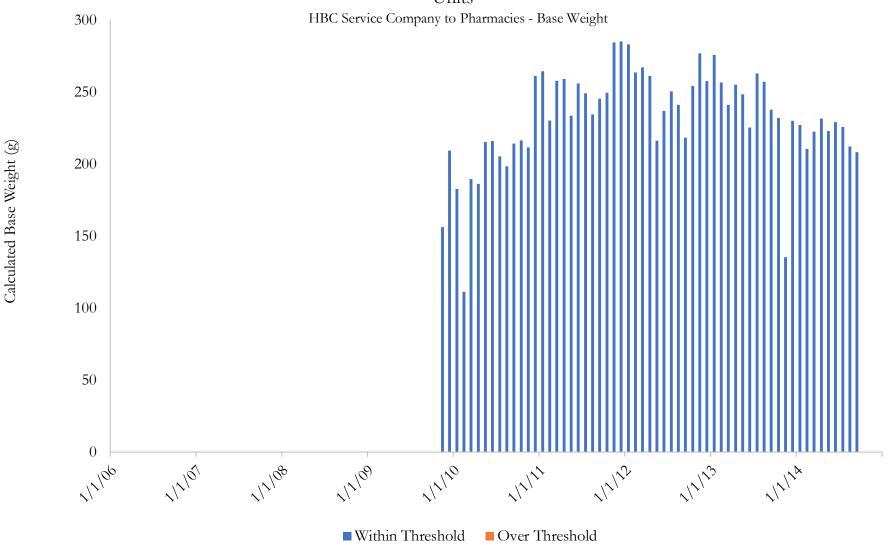
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly

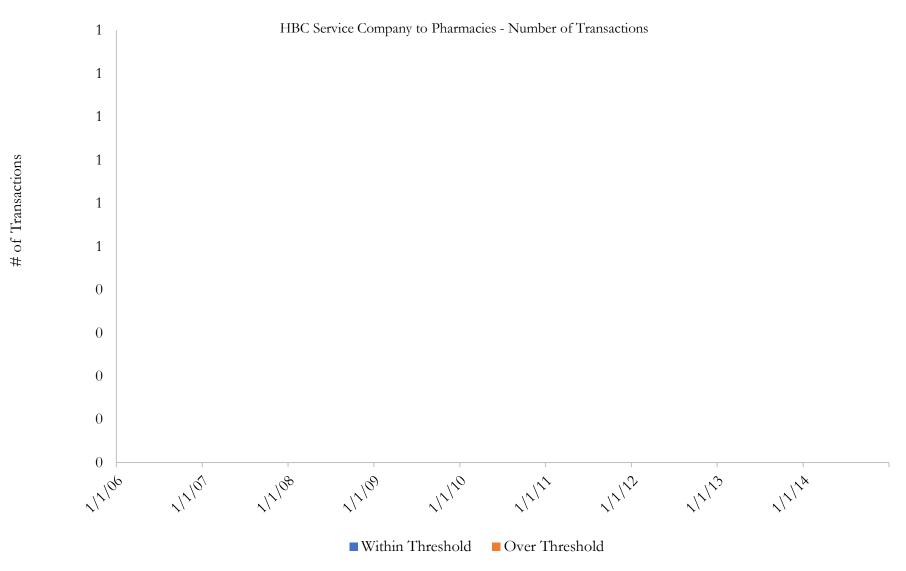
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	13,325	0	0	0	0	0	0	0	0	0	0	13,325
Total # of Transactions	0	15,507	0	552	0	0	0	0	0	0	0	0	16,059
Percentage of Total # of Transactions	0.0%	85.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	83.0%
Flagged Orders - Dosage Units	0	3,070,700	0	0	0	0	0	0	0	0	0	0	3,070,700
Total Dosage Units	0	3,544,400	0	290,700	0	0	0	0	0	0	0	0	3,835,100
Percentage of Total Dosage Units	0.0%	86.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	80.1%
Flagged Orders - MME	0	11,876,554	0	0	0	0	0	0	0	0	0	0	11,876,554
Total MME	0	13,700,367	0	1,075,435	0	0	0	0	0	0	0	0	14,775,802
Percentage of Total MME	0.0%	86.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	80.4%
Flagged Orders - Calculated Base Weight (g)	0	11,877	0	0	0	0	0	0	0	0	0	0	11,877
Total Calculated Base Weight (g)	0	13,700	0	7,170	0	0	0	0	0	0	0	0	20,870
Percentage of Total Calculated Base Weight (g)	0.0%	86.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	56.9%

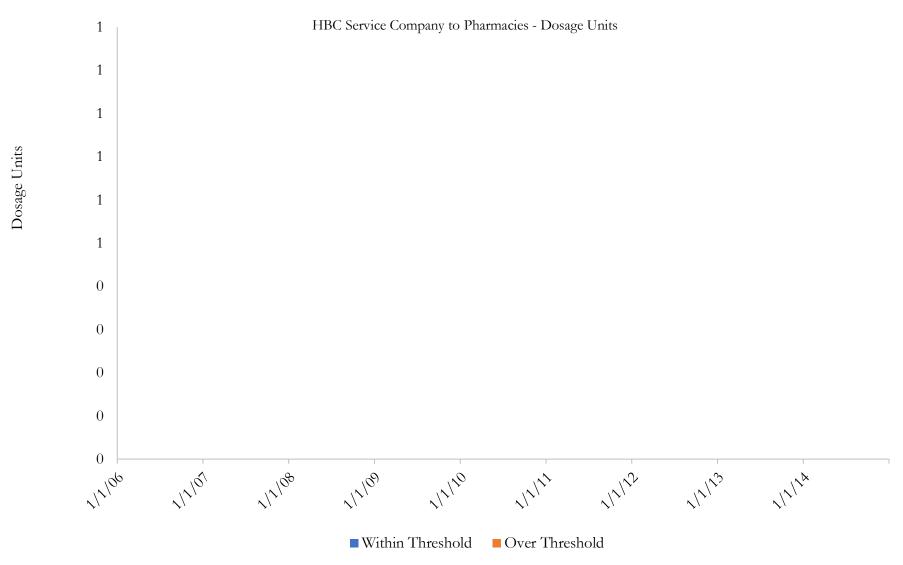
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

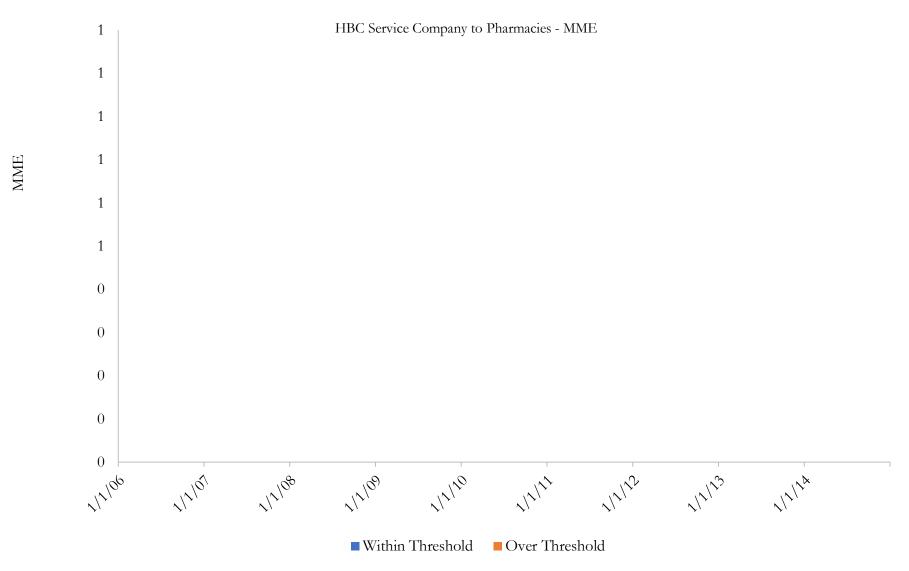
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



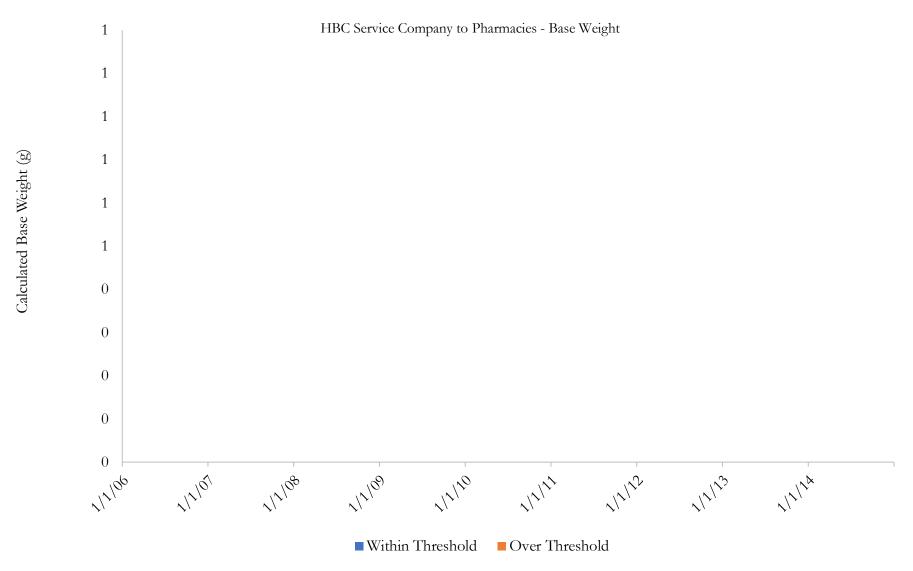
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



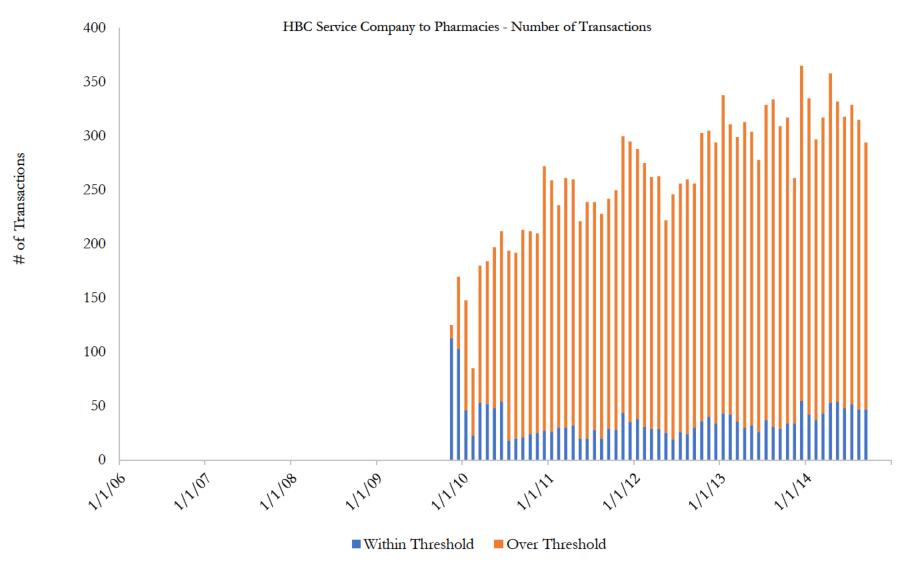
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



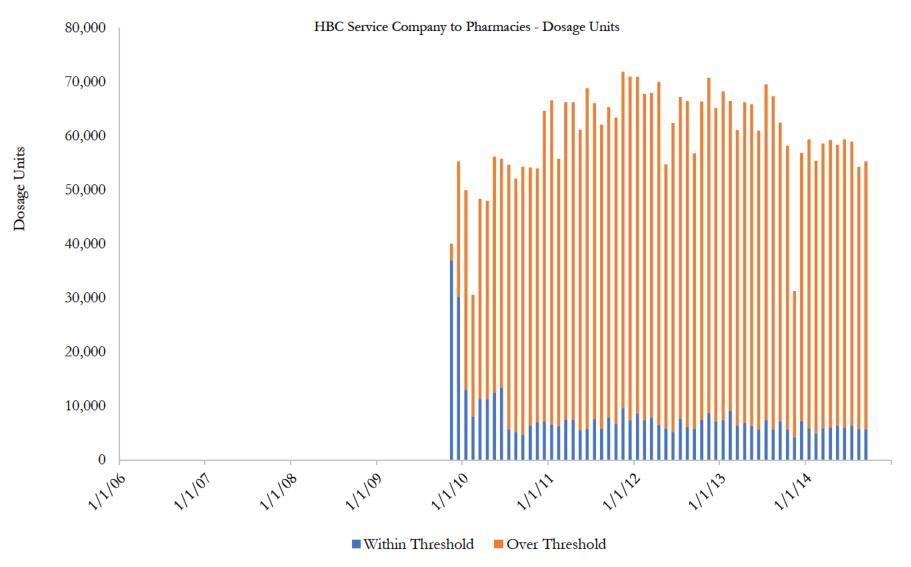
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



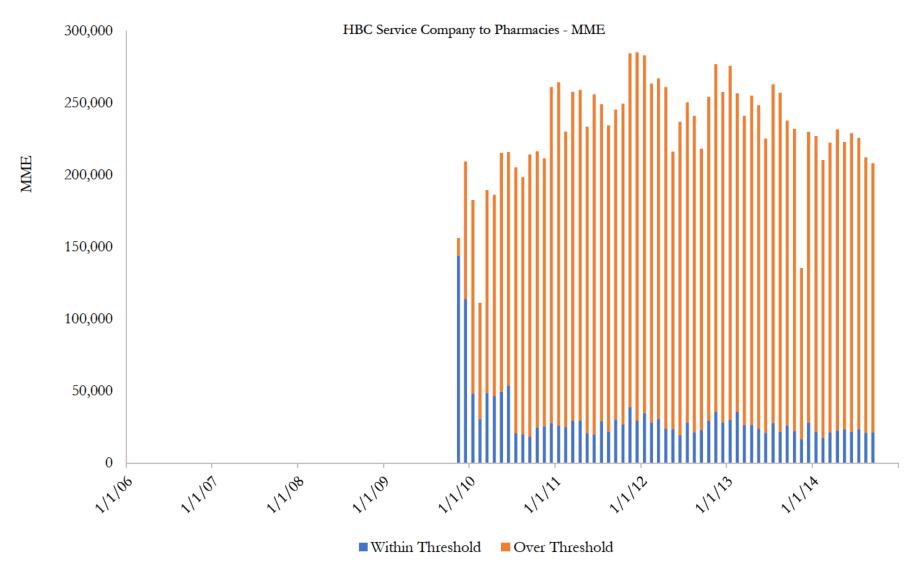
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



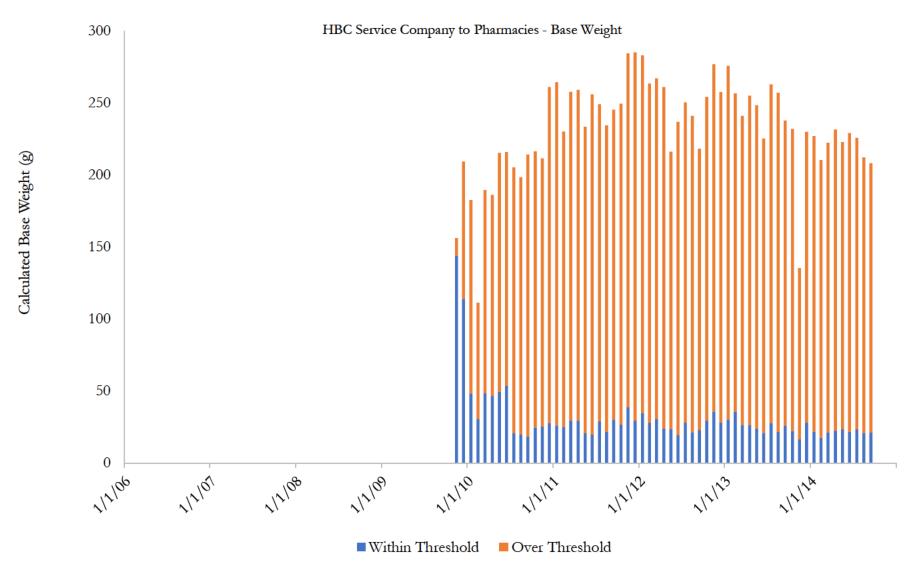
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Total Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units

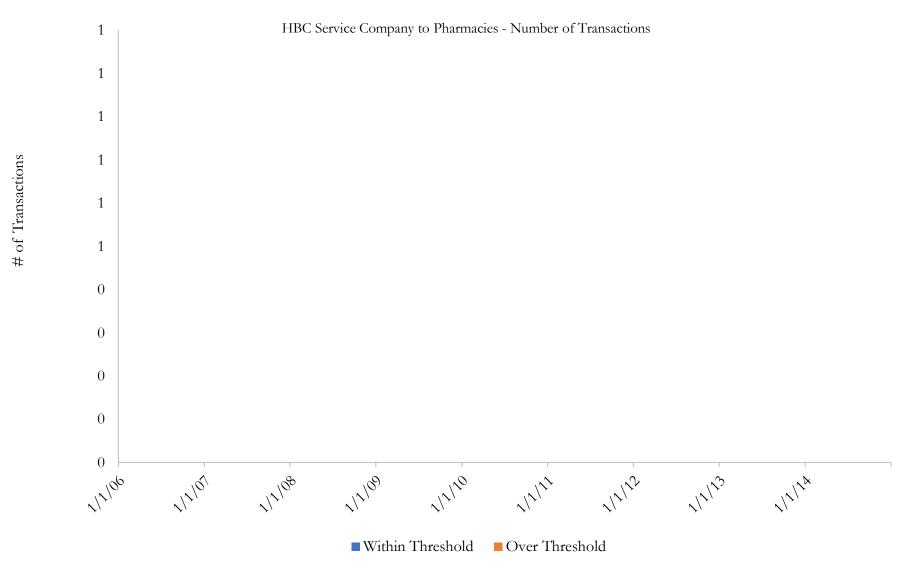
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	15,507	0	3	0	0	0	0	0	0	0	0	15,510
Total # of Transactions	0	15,507	0	552	0	0	0	0	0	0	0	0	16,059
Percentage of Total # of Transactions	0.0%	100.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	96.6%
Flagged Orders - Dosage Units	0	3,544,400	0	3,200	0	0	0	0	0	0	0	0	3,547,600
Total Dosage Units	0	3,544,400	0	290,700	0	0	0	0	0	0	0	0	3,835,100
Percentage of Total Dosage Units	0.0%	100.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	92.5%
Flagged Orders - MME	0	13,700,367	0	11,272	0	0	0	0	0	0	0	0	13,711,639
Total MME	0	13,700,367	0	1,075,435	0	0	0	0	0	0	0	0	14,775,802
Percentage of Total MME	0.0%	100.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	92.8%
Flagged Orders - Calculated Base Weight (g)	0	13,700	0	75	0	0	0	0	0	0	0	0	13,776
Total Calculated Base Weight (g)	0	13,700	0	7,170	0	0	0	0	0	0	0	0	20,870
Percentage of Total Calculated Base Weight (g)	0.0%	100.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	66.0%

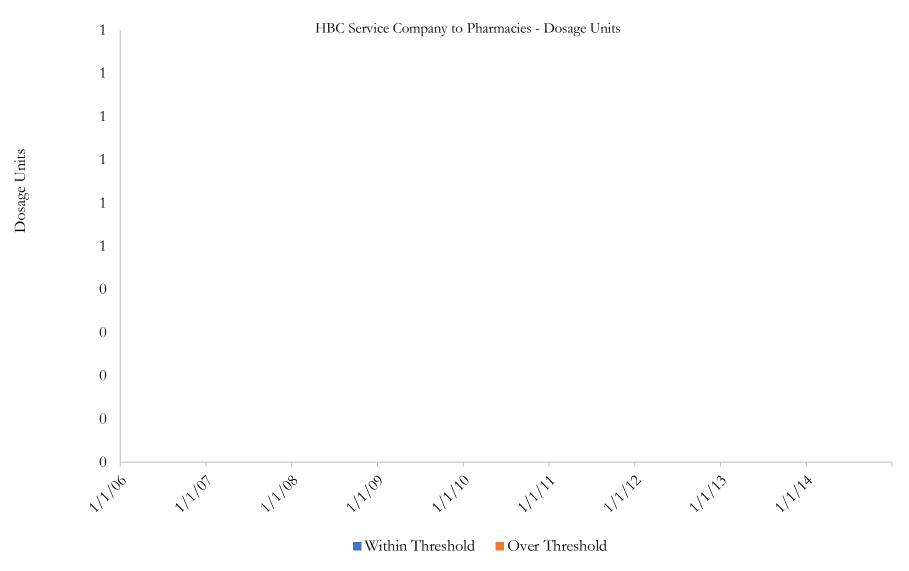
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

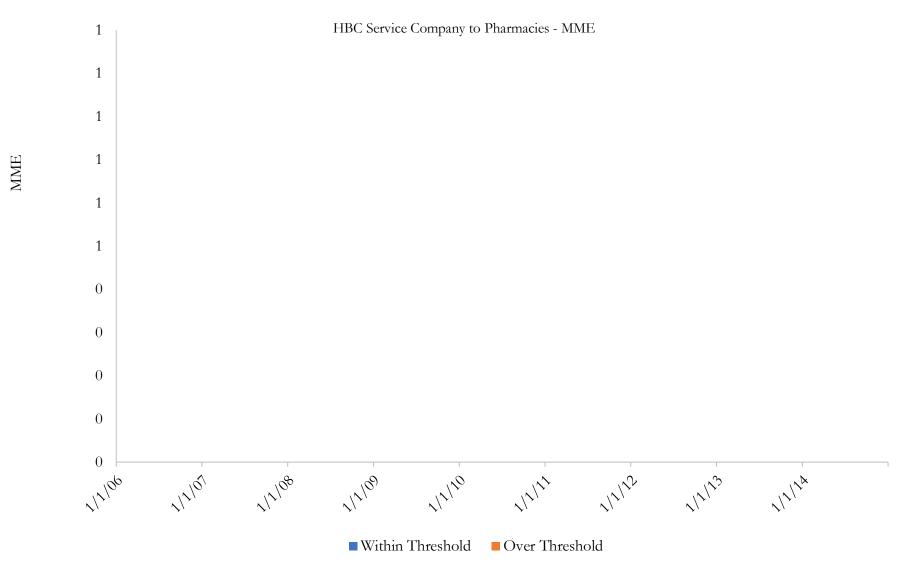
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



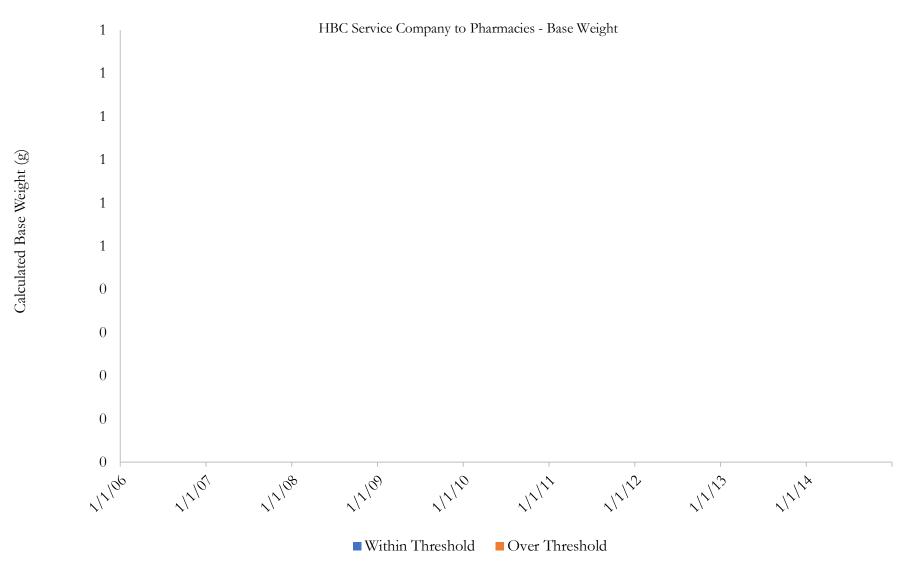
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



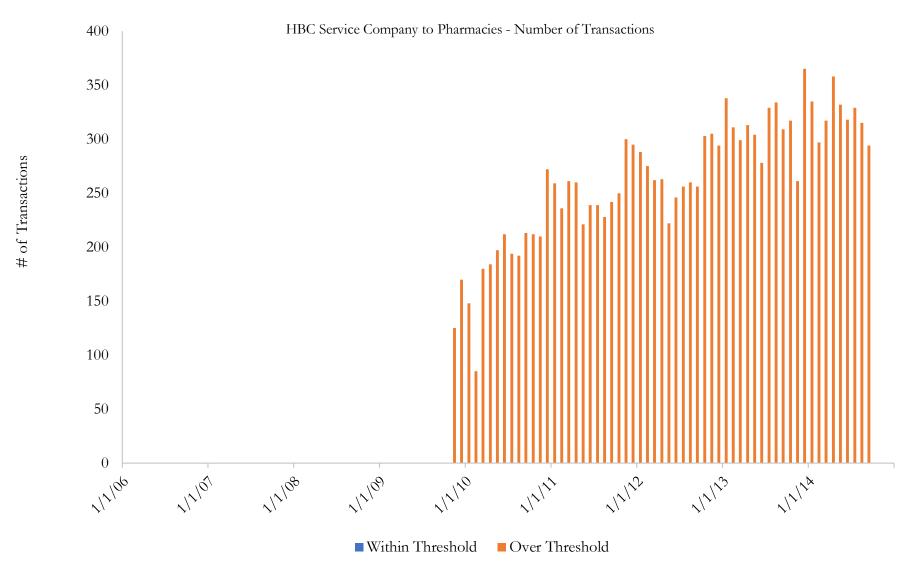
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



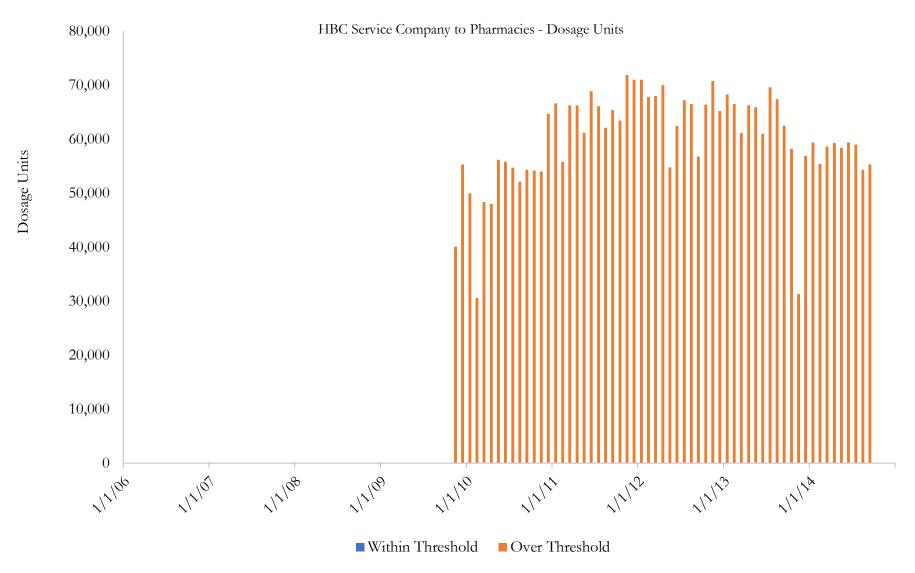
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



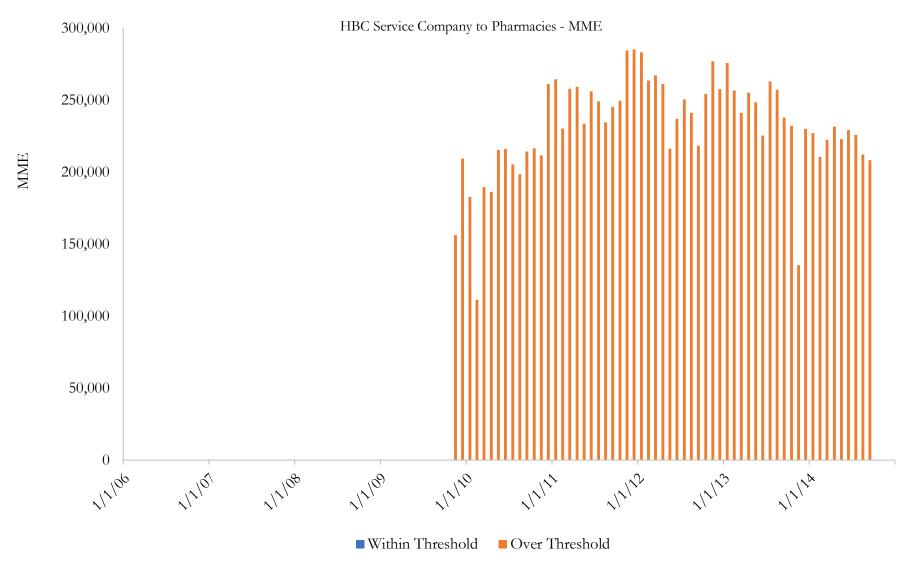
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



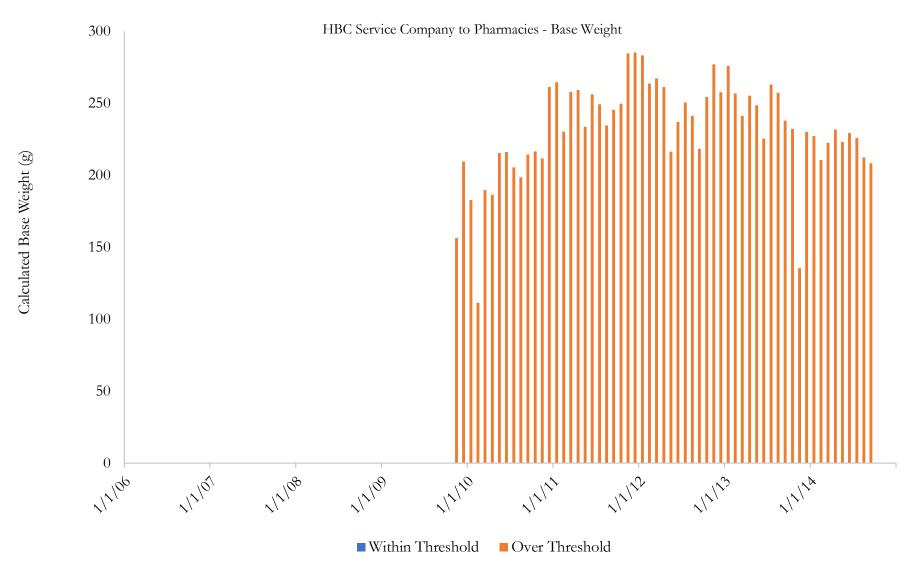
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



Total Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days

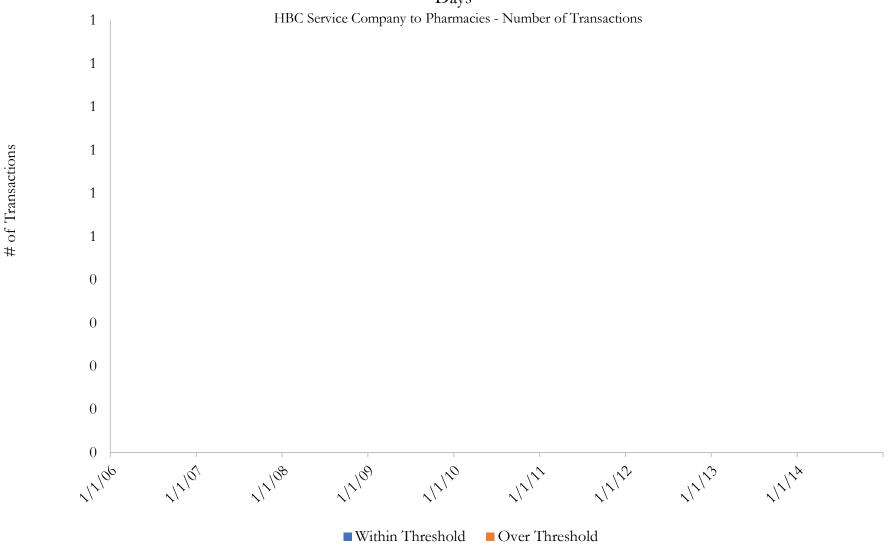
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	14,377	0	489	0	0	0	0	0	0	0	0	14,866
Total # of Transactions	0	15,507	0	552	0	0	0	0	0	0	0	0	16,059
Percentage of Total # of Transactions	0.0%	92.7%	0.0%	88.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	92.6%
Flagged Orders - Dosage Units	0	3,203,300	0	249,100	0	0	0	0	0	0	0	0	3,452,400
Total Dosage Units	0	3,544,400	0	290,700	0	0	0	0	0	0	0	0	3,835,100
Percentage of Total Dosage Units	0.0%	90.4%	0.0%	85.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	90.0%
Flagged Orders - MME	0	12,403,809	0	928,905	0	0	0	0	0	0	0	0	13,332,714
Total MME	0	13,700,367	0	1,075,435	0	0	0	0	0	0	0	0	14,775,802
Percentage of Total MME	0.0%	90.5%	0.0%	86.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	90.2%
Flagged Orders - Calculated Base Weight (g)	0	12,404	0	6,193	0	0	0	0	0	0	0	0	18,597
Total Calculated Base Weight (g)	0	13,700	0	7,170	0	0	0	0	0	0	0	0	20,870
Percentage of Total Calculated Base Weight (g)	0.0%	90.5%	0.0%	86.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	89.1%

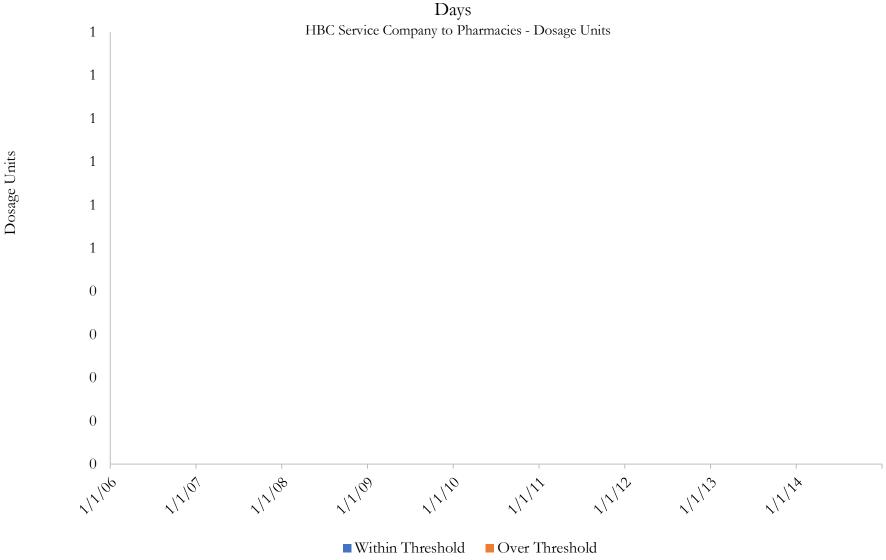
Notes:

Once an order(s) plus the total shipments over the prior 29 days exceeds the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

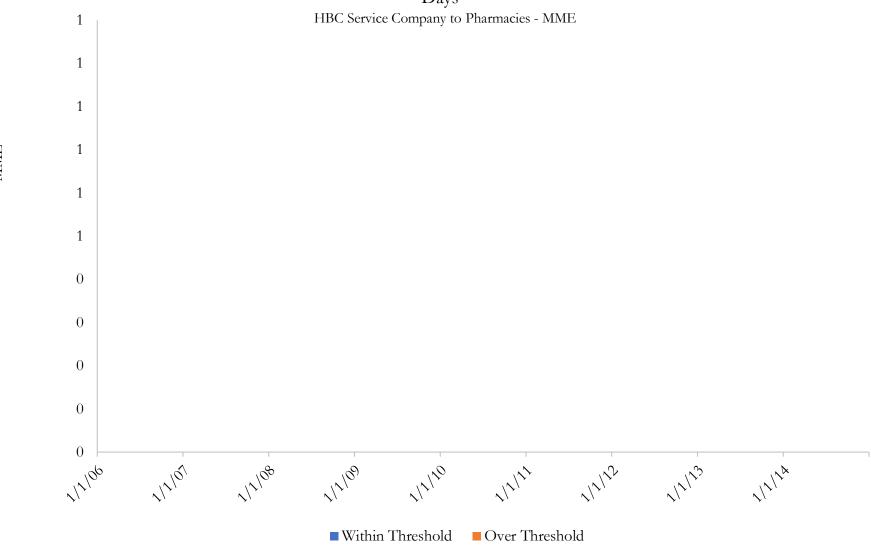
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



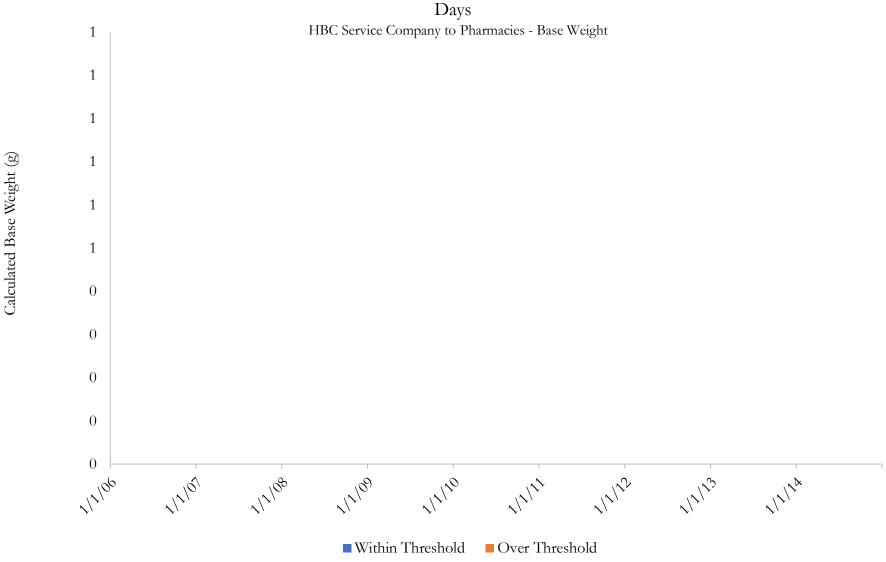
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30



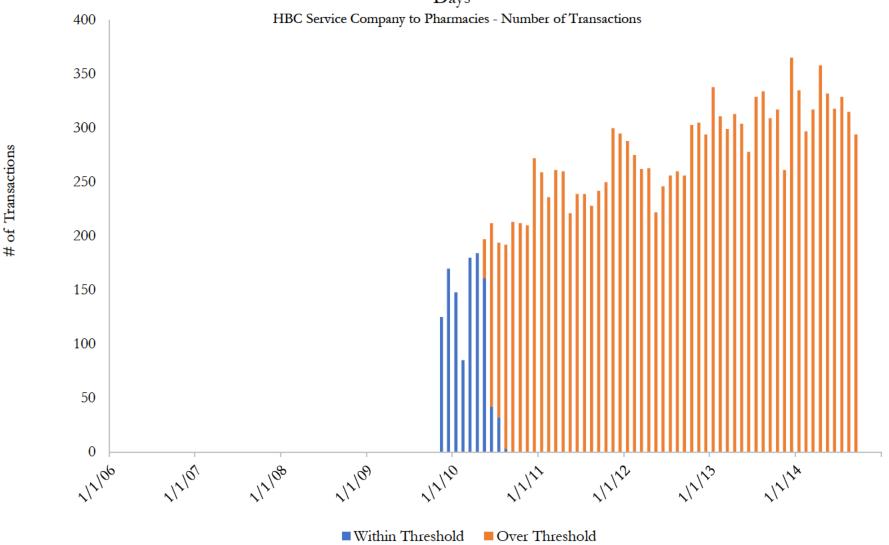
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



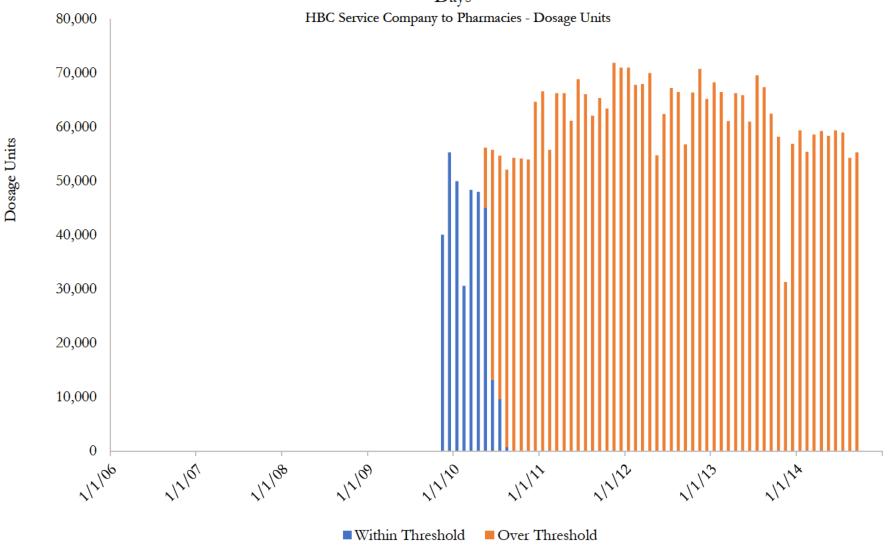
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30



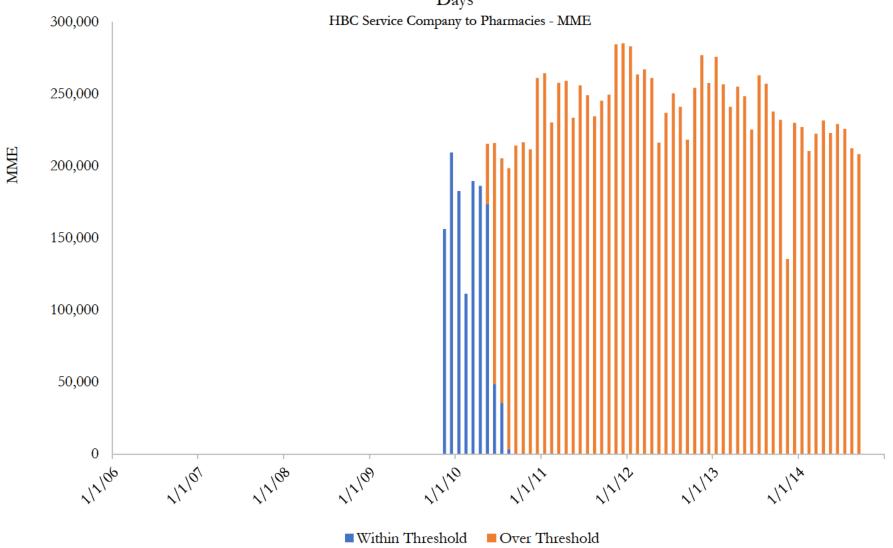
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



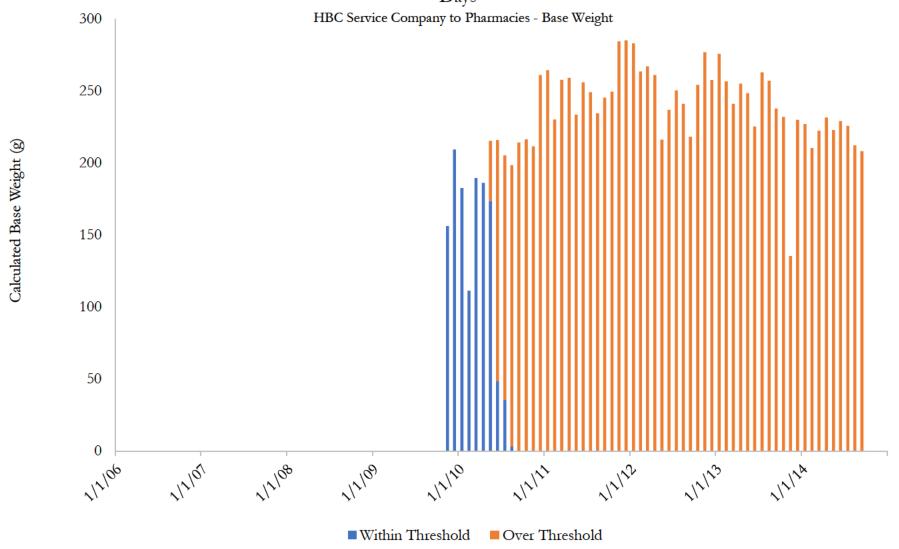
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Total Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

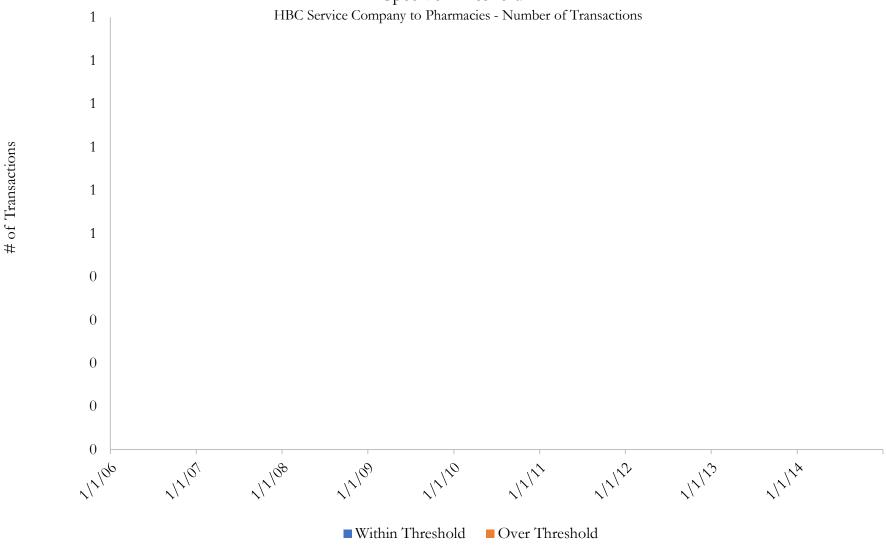
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	23,825	0	593	0	0	0	0	0	0	0	0	24,418
Total # of Transactions	0	27,038	0	711	0	0	0	0	0	0	0	0	27,749
Percentage of Total # of Transactions	0.0%	88.1%	0.0%	83.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	88.0%
Flagged Orders - Dosage Units	0	6,444,200	0	283,500	0	0	0	0	0	0	0	0	6,727,700
Total Dosage Units	0	7,443,700	0	340,300	0	0	0	0	0	0	0	0	7,784,000
Percentage of Total Dosage Units	0.0%	86.6%	0.0%	83.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.4%
Flagged Orders - MME	0	28,512,625	0	1,055,710	0	0	0	0	0	0	0	0	29,568,334
Total MME	0	32,896,579	0	1,269,868	0	0	0	0	0	0	0	0	34,166,447
Percentage of Total MME	0.0%	86.7%	0.0%	83.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.5%
Flagged Orders - Calculated Base Weight (g)	0	28,513	0	7,038	0	0	0	0	0	0	0	0	35,551
Total Calculated Base Weight (g)	0	32,897	0	8,466	0	0	0	0	0	0	0	0	41,362
Percentage of Total Calculated Base Weight (g)	0.0%	86.7%	0.0%	83.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	85.9%

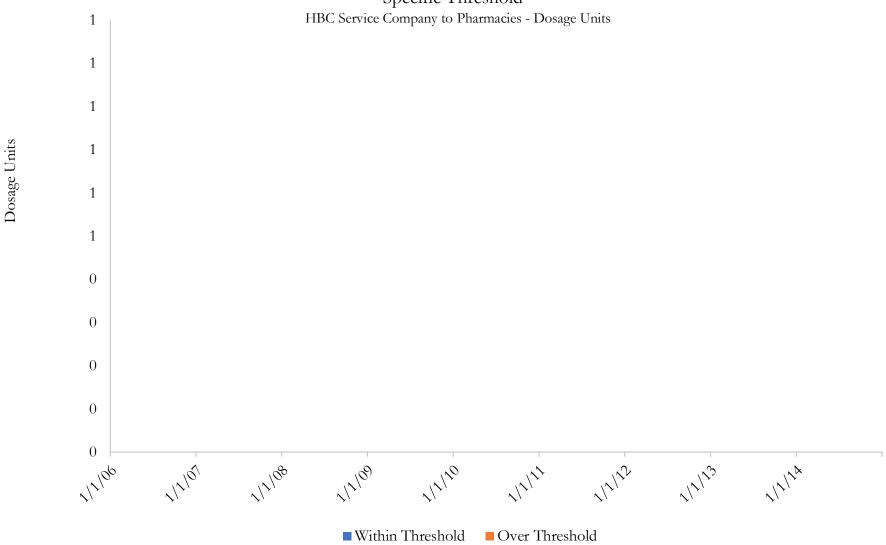
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

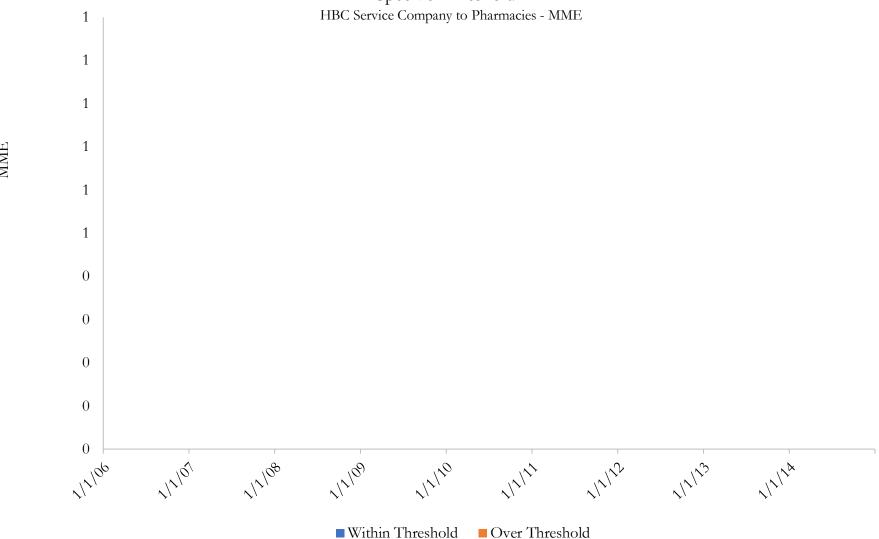
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



> Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



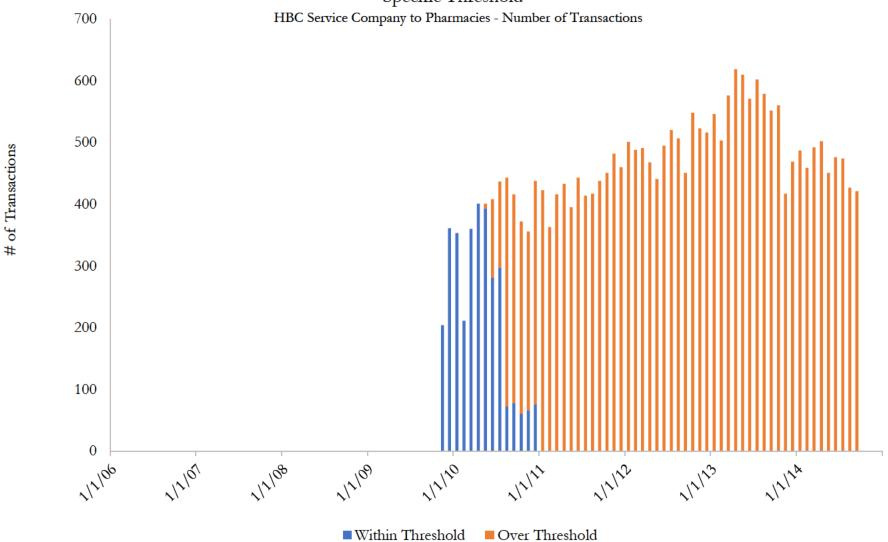
> Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



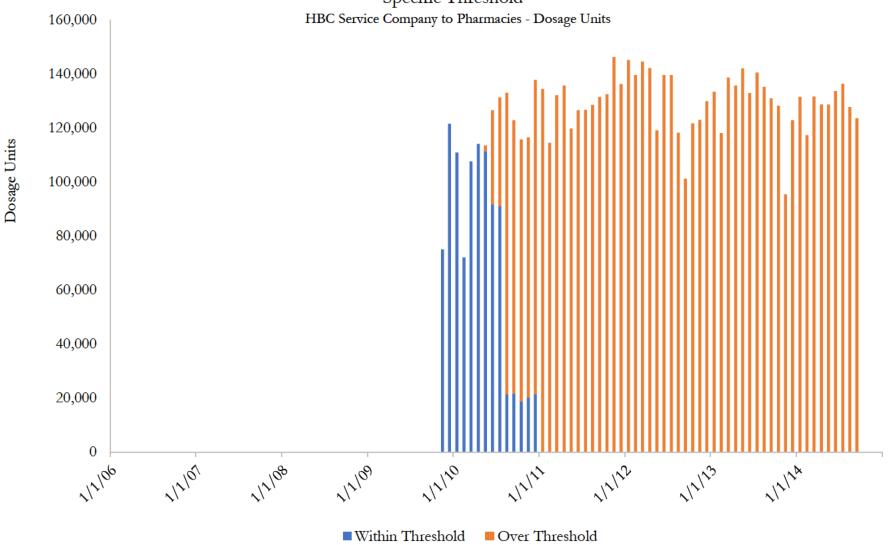
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



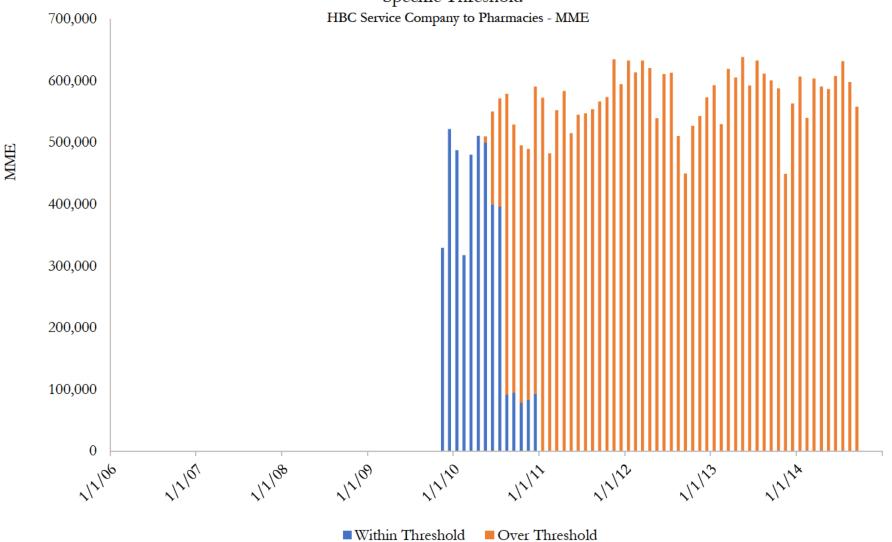
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



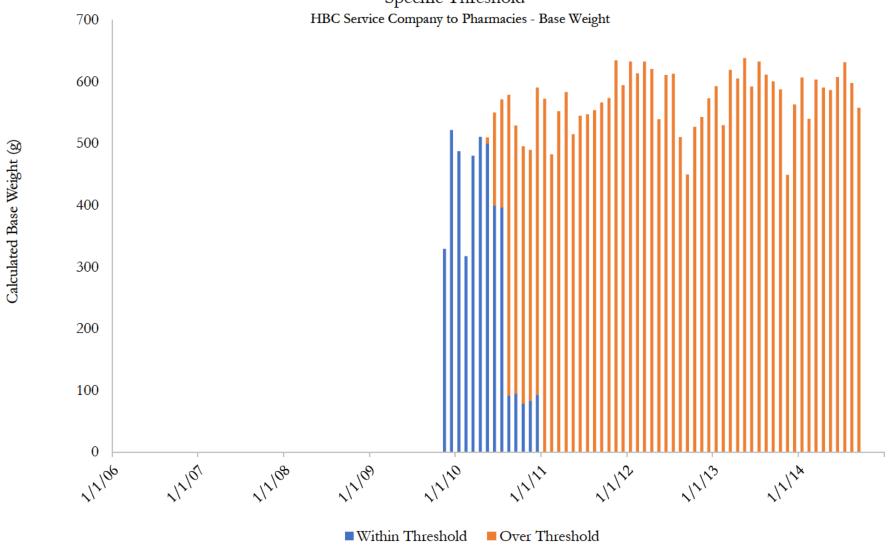
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Total Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

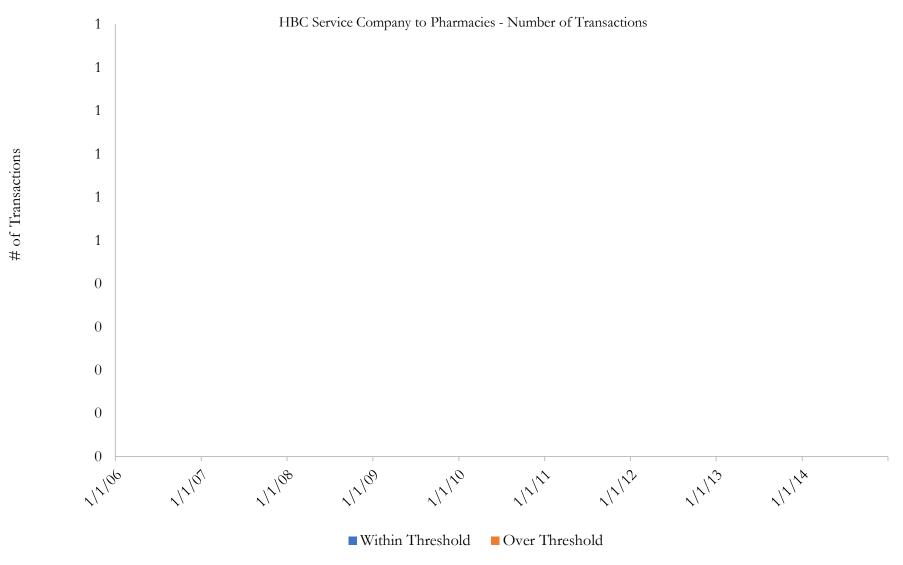
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	2,024	0	95	0	0	0	0	0	0	0	0	2,119
Total # of Transactions	0	27,038	0	711	0	0	0	0	0	0	0	0	27,749
Percentage of Total # of Transactions	0.0%	7.5%	0.0%	13.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.6%
Flagged Orders - Dosage Units	0	532,000	0	65,000	0	0	0	0	0	0	0	0	597,000
Total Dosage Units	0	7,443,700	0	340,300	0	0	0	0	0	0	0	0	7,784,000
Percentage of Total Dosage Units	0.0%	7.1%	0.0%	19.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.7%
Flagged Orders - MME	0	2,350,809	0	228,745	0	0	0	0	0	0	0	0	2,579,555
Total MME	0	32,896,579	0	1,269,868	0	0	0	0	0	0	0	0	34,166,447
Percentage of Total MME	0.0%	7.1%	0.0%	18.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	7.5%
Flagged Orders - Calculated Base Weight (g)	0	2,351	0	1,525	0	0	0	0	0	0	0	0	3,876
Total Calculated Base Weight (g)	0	32,897	0	8,466	0	0	0	0	0	0	0	0	41,362
Percentage of Total Calculated Base Weight (g)	0.0%	7.1%	0.0%	18.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.4%

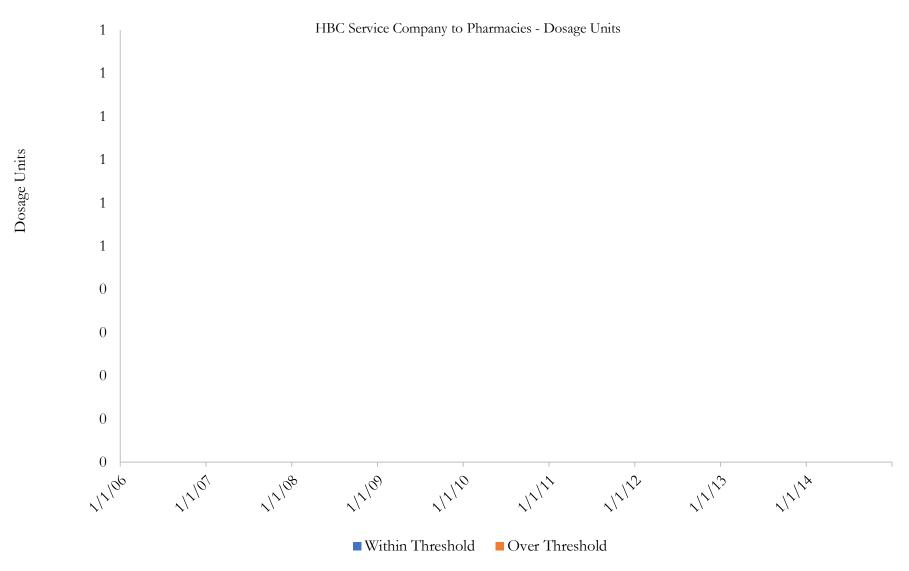
Notes:

Once an order(s) exceeds the largest total order of any of the previous six months all subsequent monthly threshold is fixed. All monthly order(s) exceeding this threshold is considered suspicious. This method assumes no due diligence on the suspicious order(s), but it is cleared and shipped.

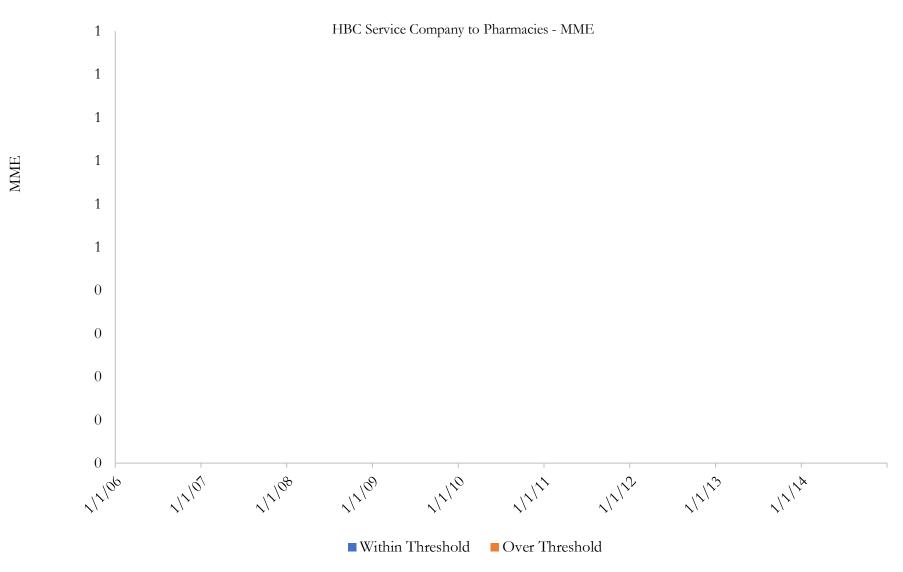
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



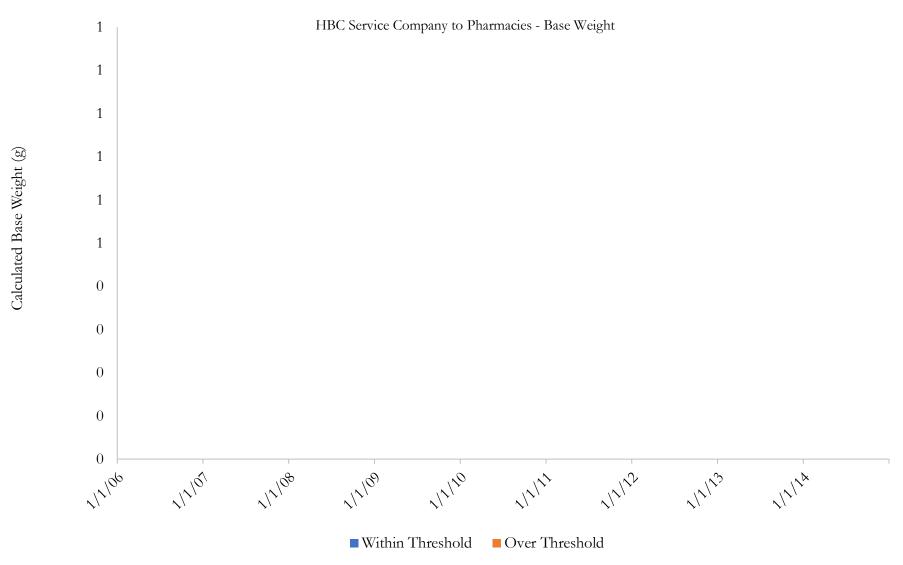
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



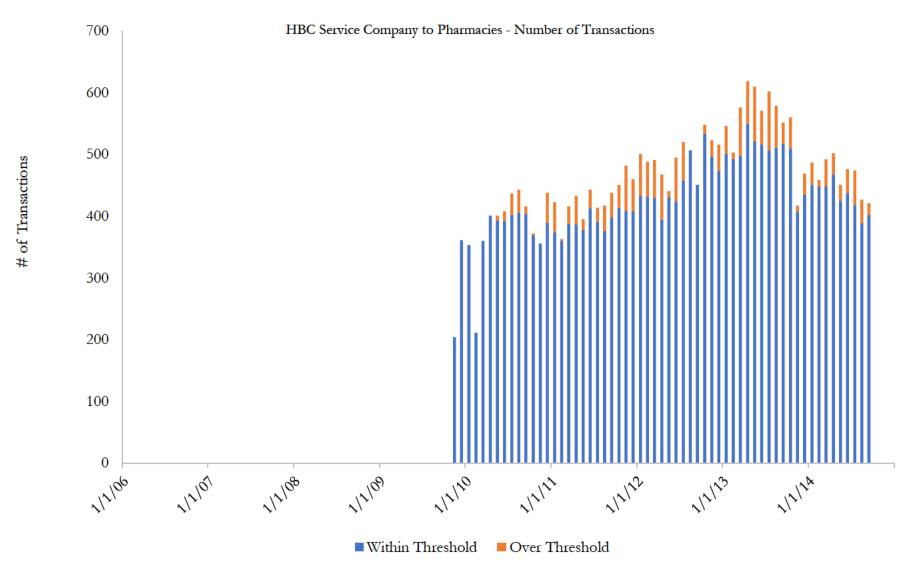
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



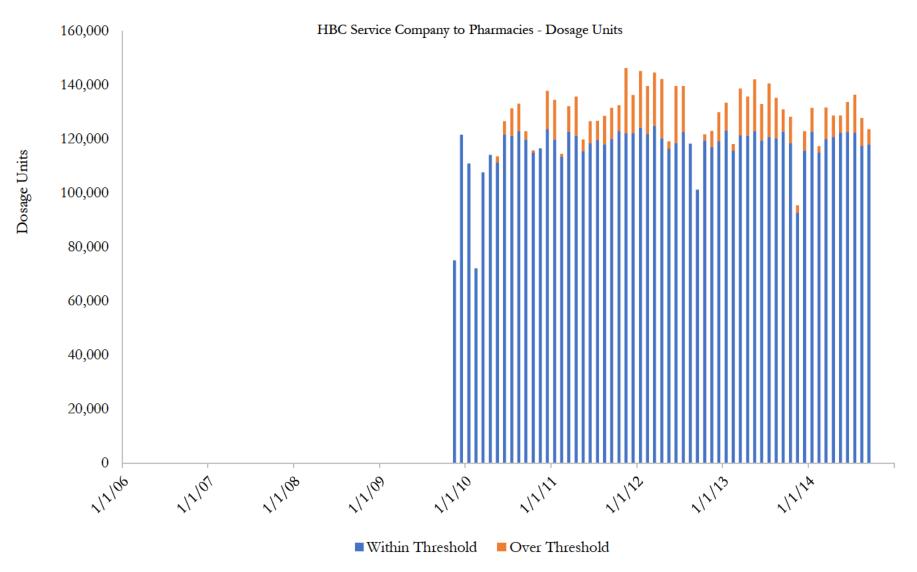
> Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



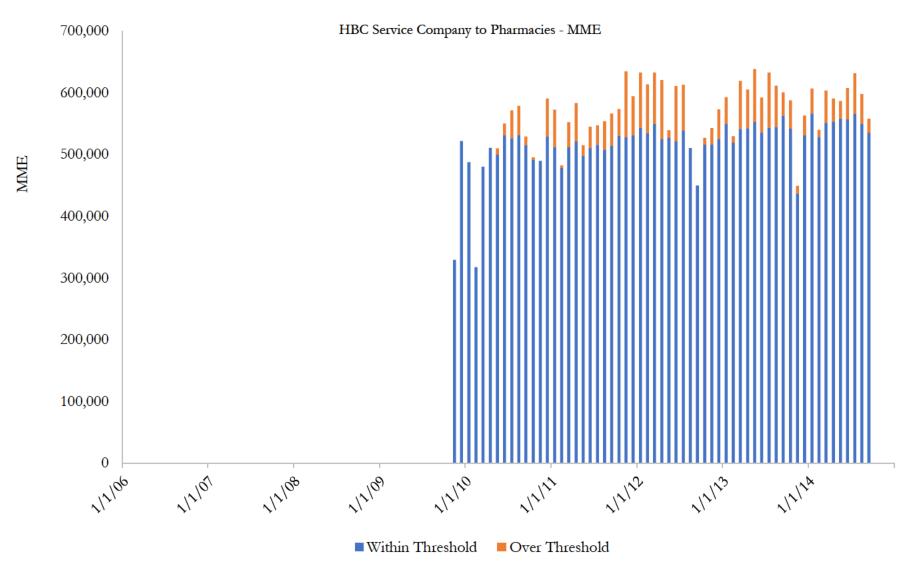
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

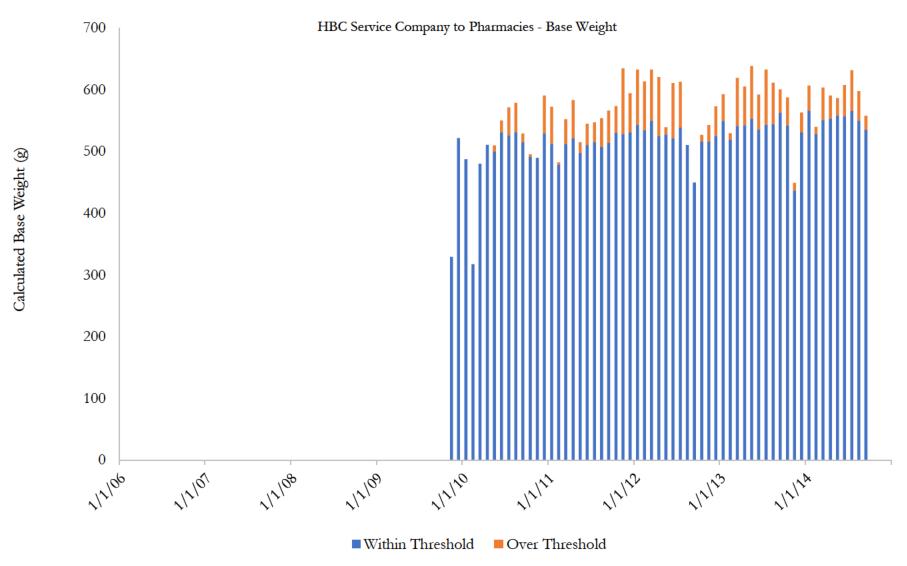


Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Pharmacies in Trumbull County, OH 2006-2014

Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Total Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

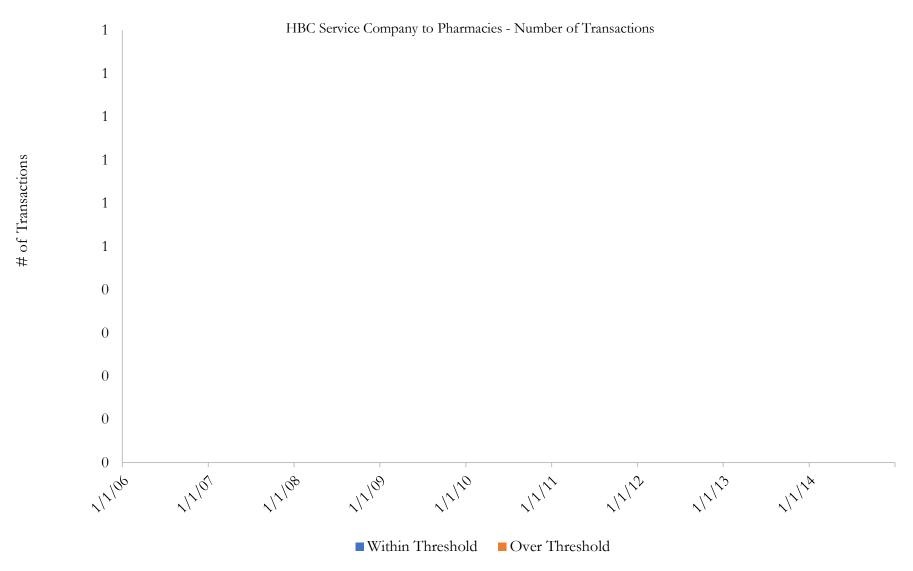
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	15,191	0	524	0	0	0	0	0	0	0	0	15,715
Total # of Transactions	0	27,038	0	711	0	0	0	0	0	0	0	0	27,749
Percentage of Total # of Transactions	0.0%	56.2%	0.0%	73.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	56.6%
Flagged Orders - Dosage Units	0	4,233,400	0	240,400	0	0	0	0	0	0	0	0	4,473,800
Total Dosage Units	0	7,443,700	0	340,300	0	0	0	0	0	0	0	0	7,784,000
Percentage of Total Dosage Units	0.0%	56.9%	0.0%	70.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	57.5%
Flagged Orders - MME	0	18,739,415	0	903,544	0	0	0	0	0	0	0	0	19,642,959
Total MME	0	32,896,579	0	1,269,868	0	0	0	0	0	0	0	0	34,166,447
Percentage of Total MME	0.0%	57.0%	0.0%	71.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	57.5%
Flagged Orders - Calculated Base Weight (g)	0	18,739	0	6,024	0	0	0	0	0	0	0	0	24,763
Total Calculated Base Weight (g)	0	32,897	0	8,466	0	0	0	0	0	0	0	0	41,362
Percentage of Total Calculated Base Weight (g)	0.0%	57.0%	0.0%	71.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	59.9%

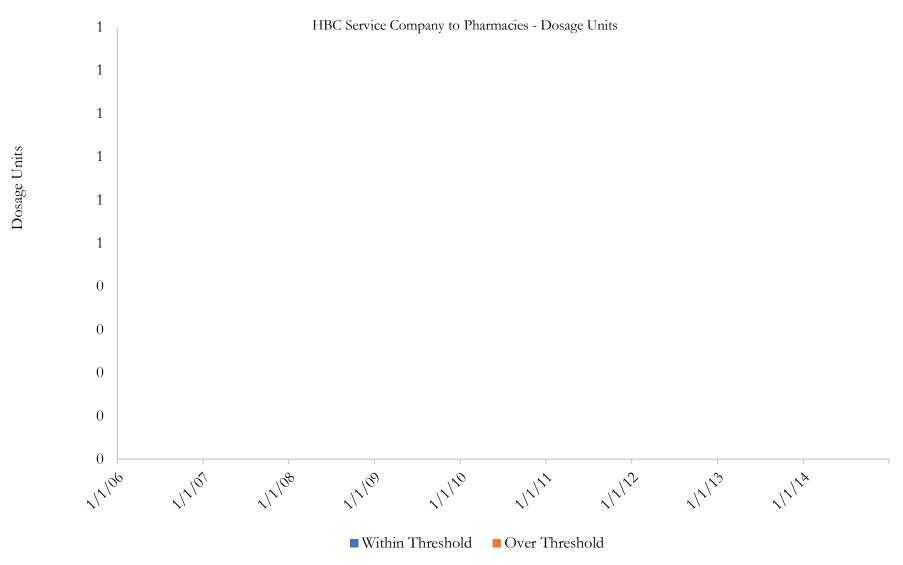
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

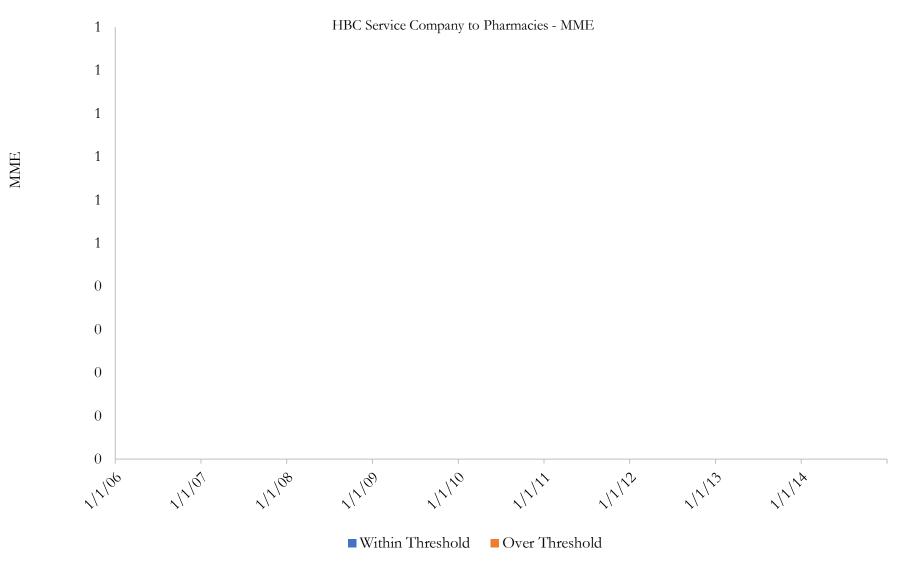
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



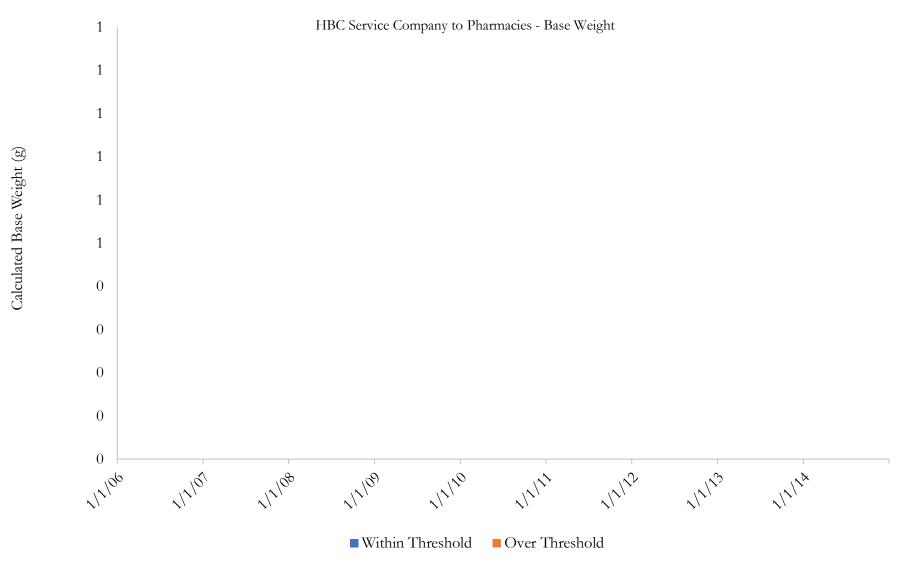
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



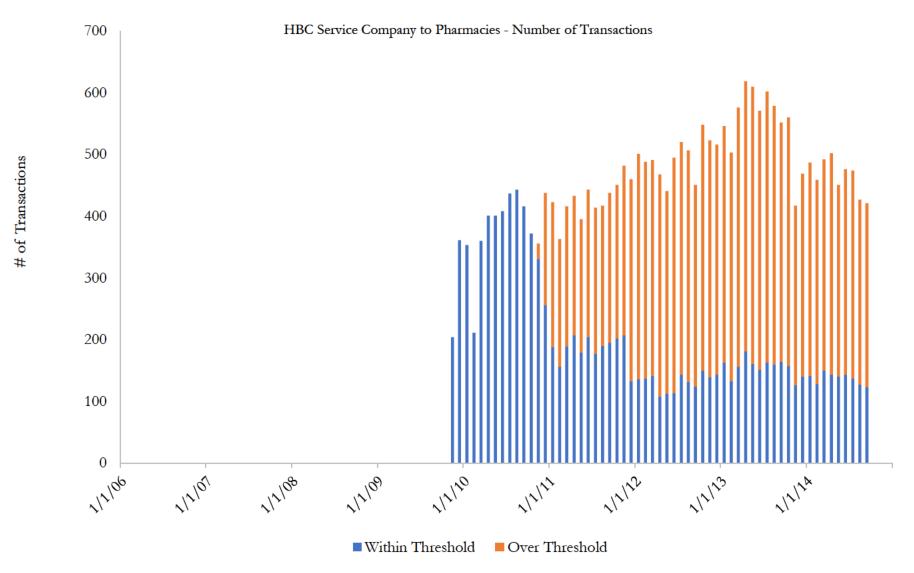
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



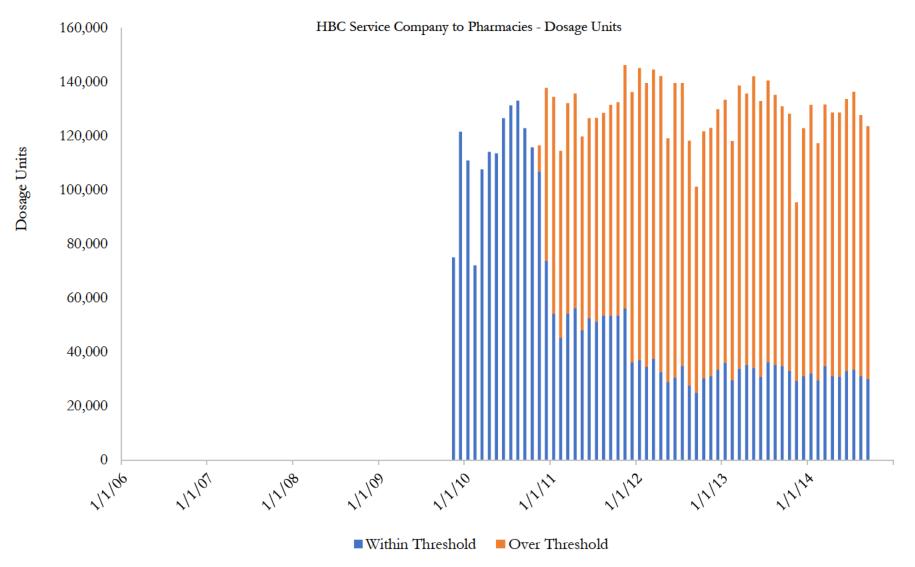
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



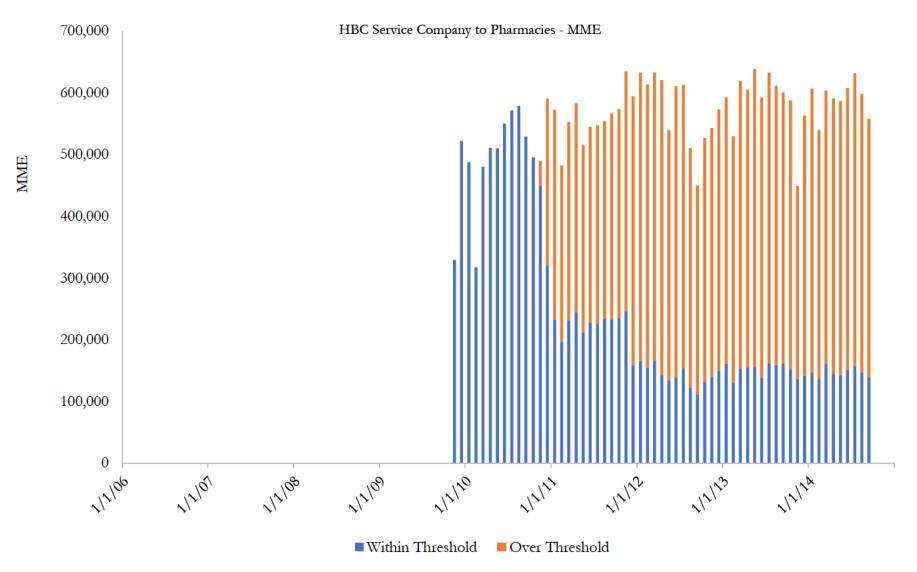
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



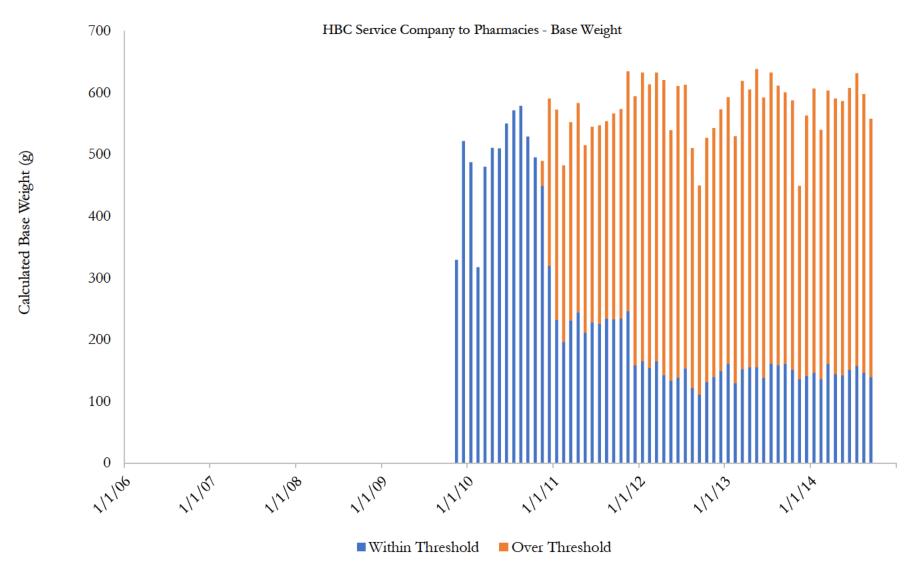
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units

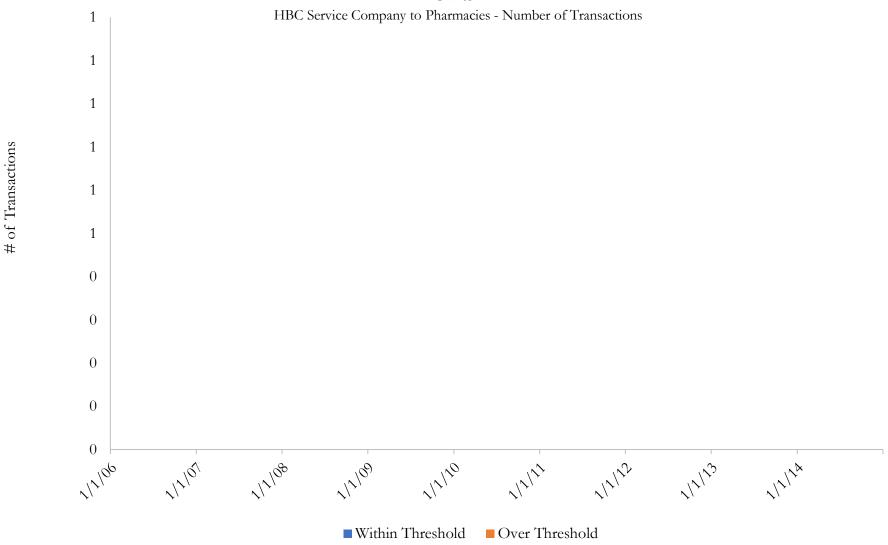
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	0	0	108	0	0	0	0	0	0	0	0	108
Total # of Transactions	0	27,038	0	711	0	0	0	0	0	0	0	0	27,749
Percentage of Total # of Transactions	0.0%	0.0%	0.0%	15.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%
Flagged Orders - Dosage Units	0	0	0	44,300	0	0	0	0	0	0	0	0	44,300
Total Dosage Units	0	7,443,700	0	340,300	0	0	0	0	0	0	0	0	7,784,000
Percentage of Total Dosage Units	0.0%	0.0%	0.0%	13.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%
Flagged Orders - MME	0	0	0	173,382	0	0	0	0	0	0	0	0	173,382
Total MME	0	32,896,579	0	1,269,868	0	0	0	0	0	0	0	0	34,166,447
Percentage of Total MME	0.0%	0.0%	0.0%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%
Flagged Orders - Calculated Base Weight (g)	0	0	0	1,156	0	0	0	0	0	0	0	0	1,156
Total Calculated Base Weight (g)	0	32,897	0	8,466	0	0	0	0	0	0	0	0	41,362
Percentage of Total Calculated Base Weight (g)	0.0%	0.0%	0.0%	13.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%

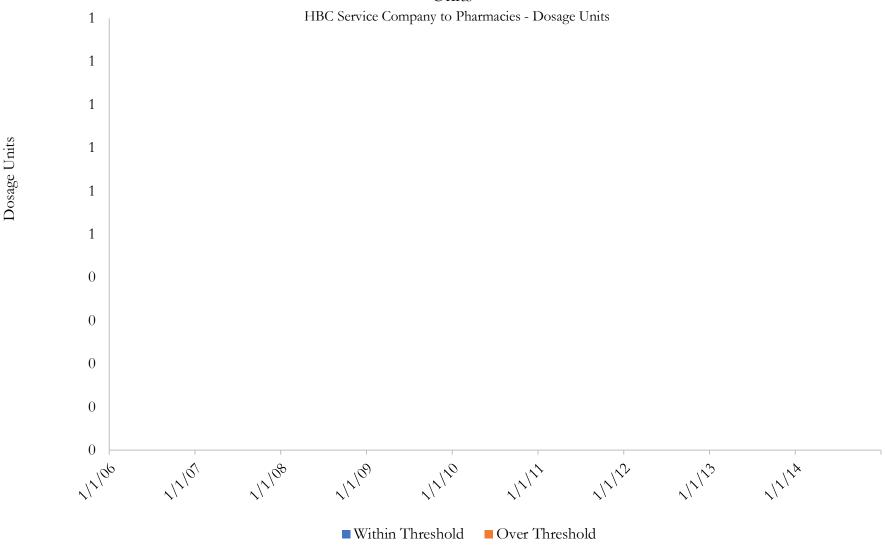
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

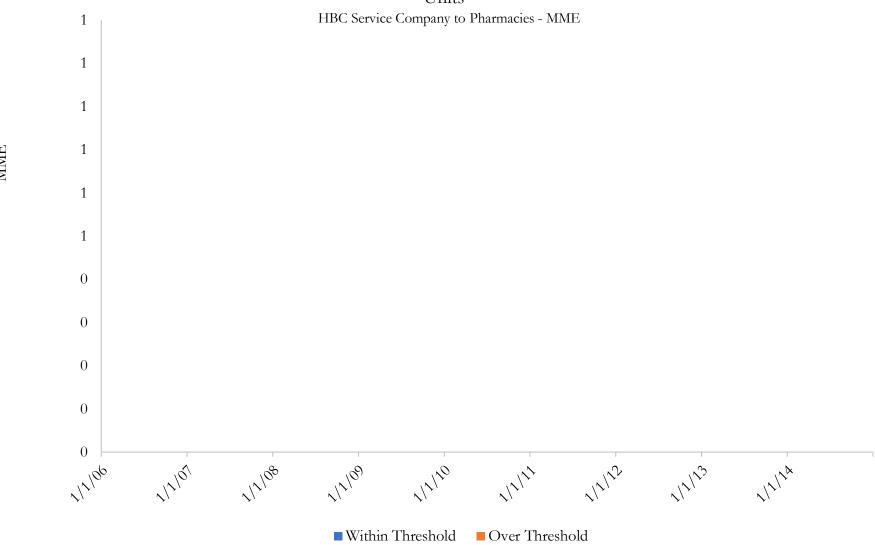
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



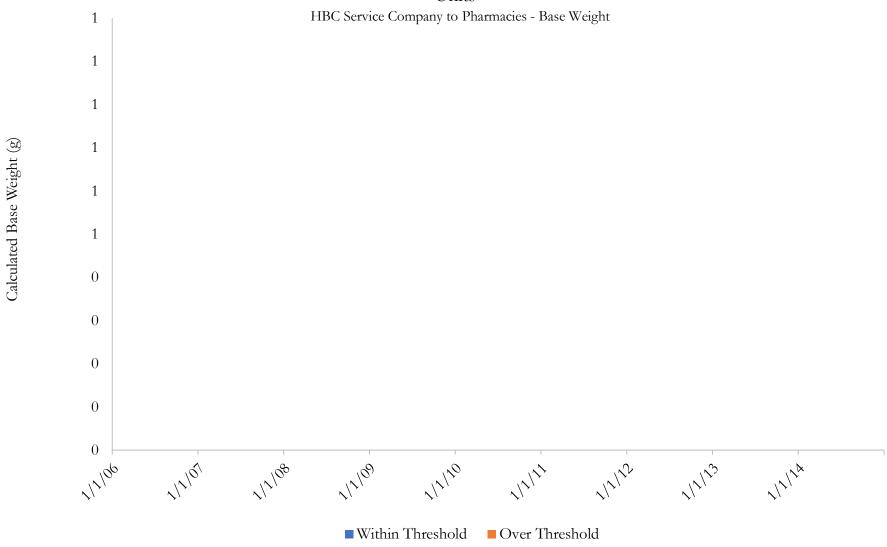
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



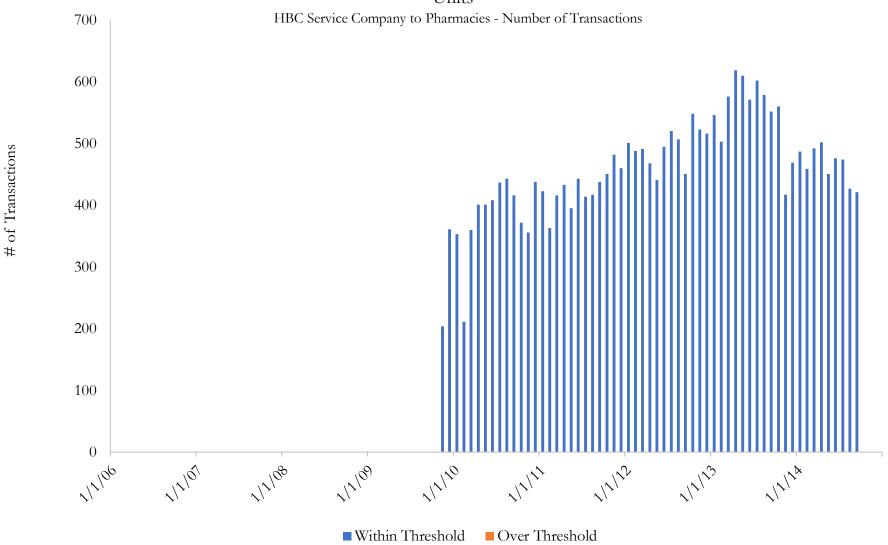
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



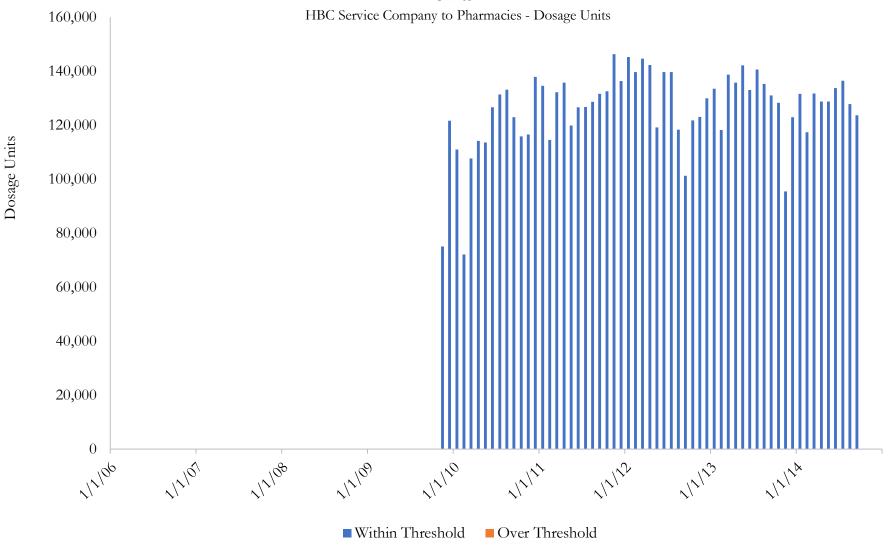
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



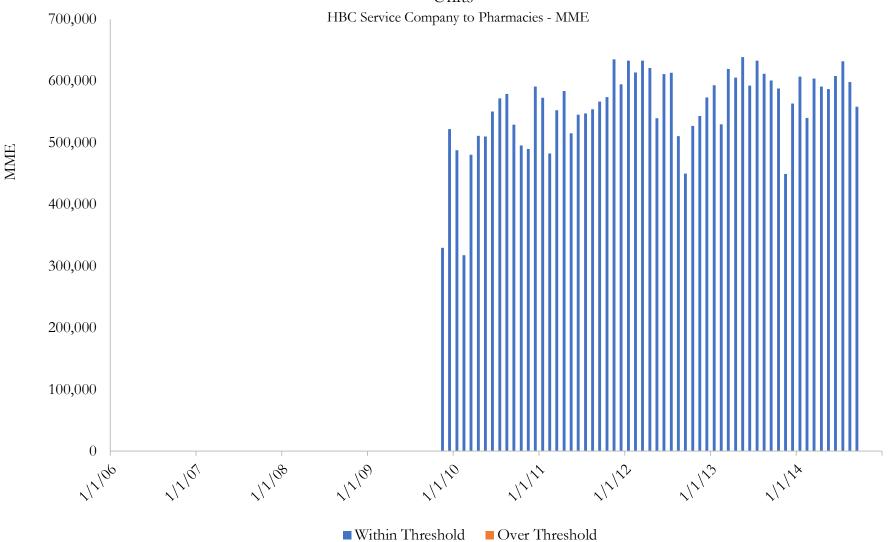
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



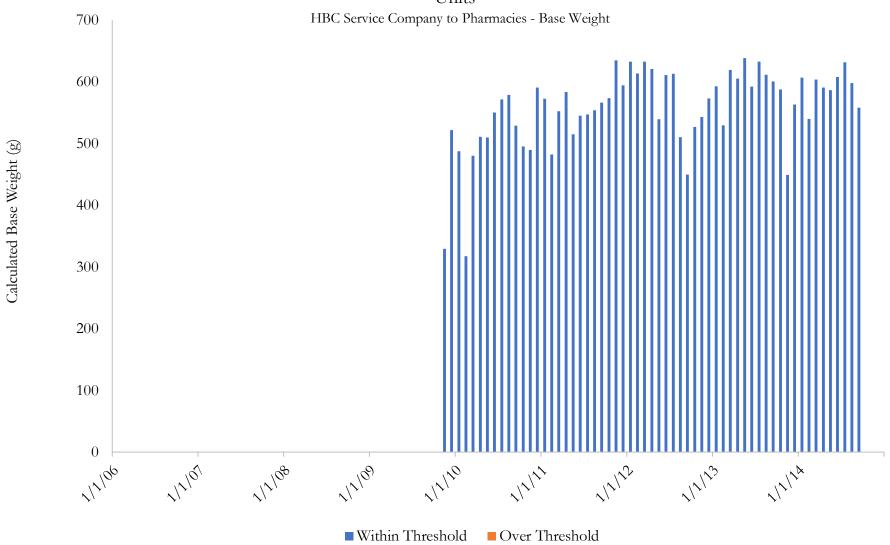
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly

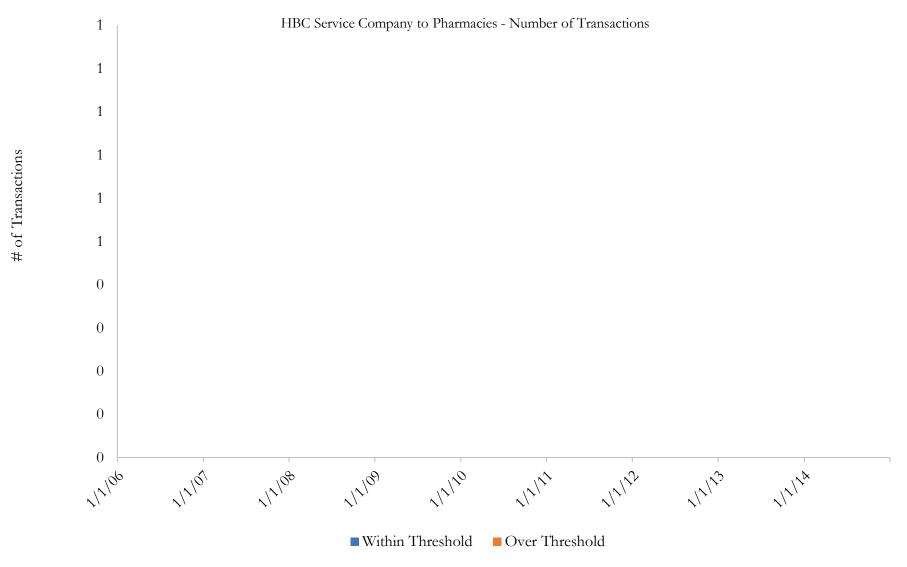
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	26,916	0	0	0	0	0	0	0	0	0	0	26,916
Total # of Transactions	0	27,038	0	711	0	0	0	0	0	0	0	0	27,749
Percentage of Total # of Transactions	0.0%	99.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	97.0%
Flagged Orders - Dosage Units	0	7,399,500	0	0	0	0	0	0	0	0	0	0	7,399,500
Total Dosage Units	0	7,443,700	0	340,300	0	0	0	0	0	0	0	0	7,784,000
Percentage of Total Dosage Units	0.0%	99.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	95.1%
Flagged Orders - MME	0	32,696,797	0	0	0	0	0	0	0	0	0	0	32,696,797
Total MME	0	32,896,579	0	1,269,868	0	0	0	0	0	0	0	0	34,166,447
Percentage of Total MME	0.0%	99.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	95.7%
Flagged Orders - Calculated Base Weight (g)	0	32,697	0	0	0	0	0	0	0	0	0	0	32,697
Total Calculated Base Weight (g)	0	32,897	0	8,466	0	0	0	0	0	0	0	0	41,362
Percentage of Total Calculated Base Weight (g)	0.0%	99.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	79.0%

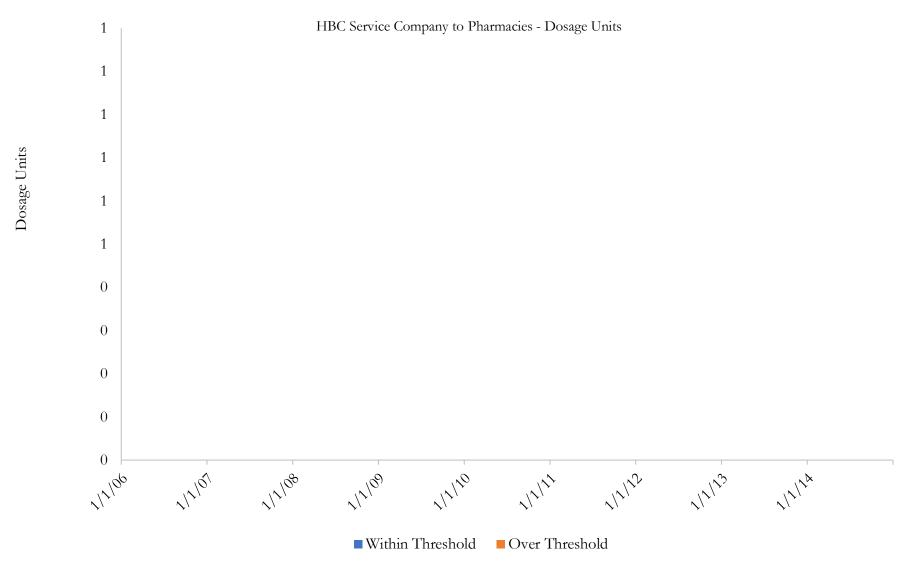
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

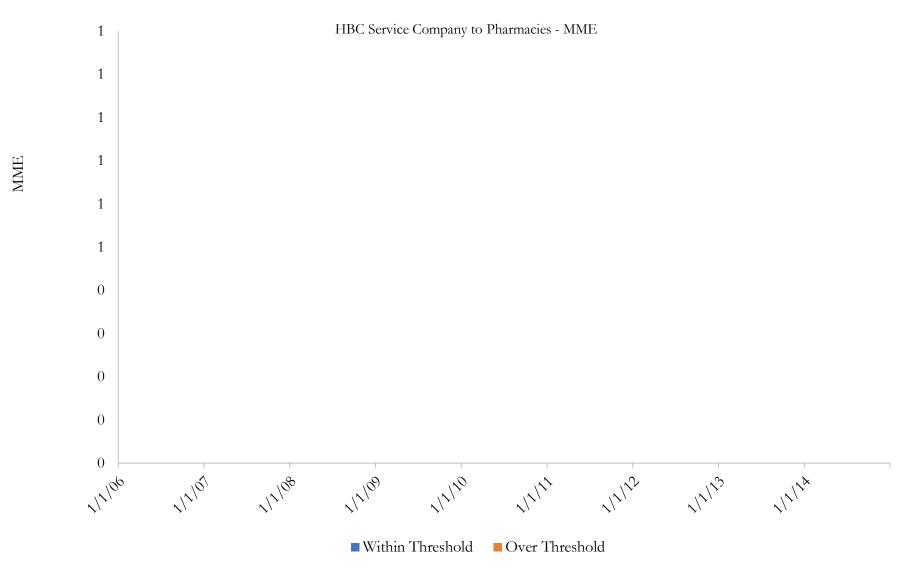
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



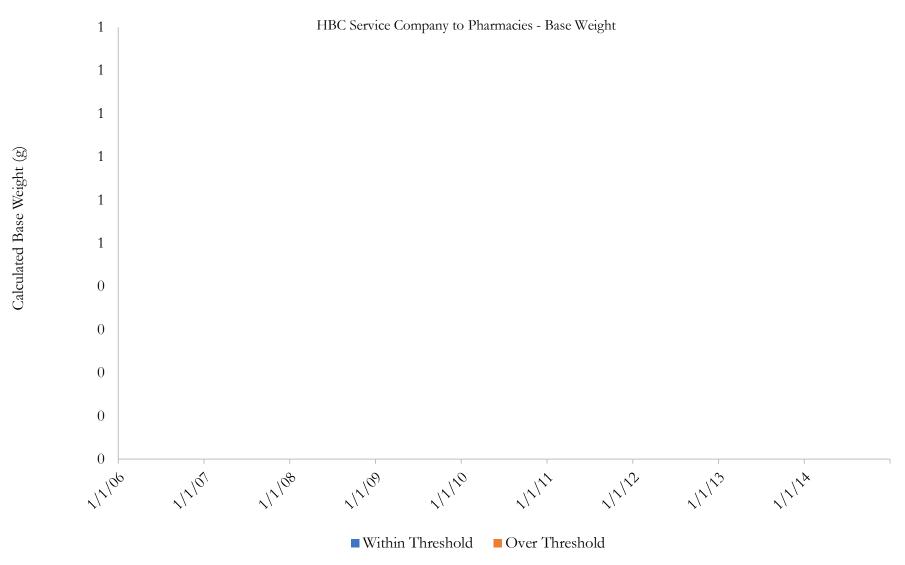
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



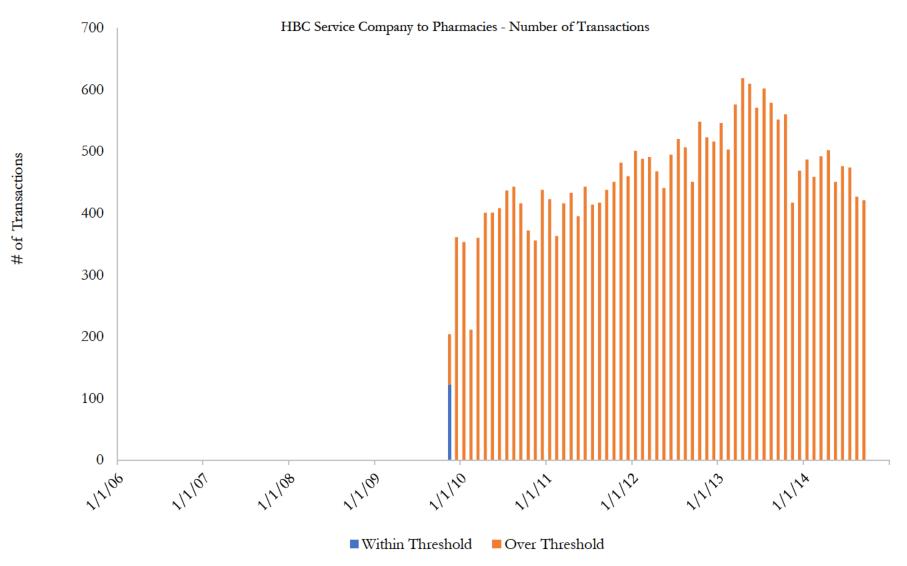
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



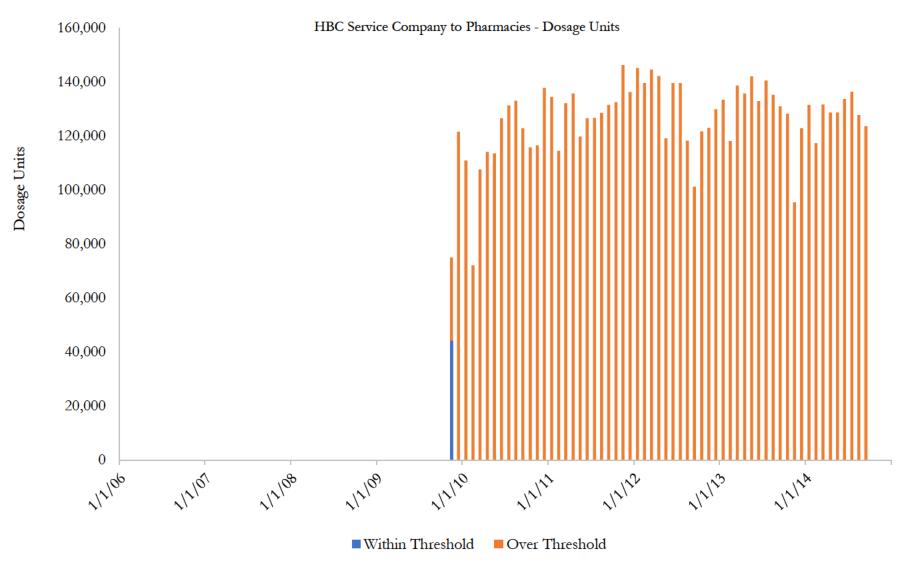
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



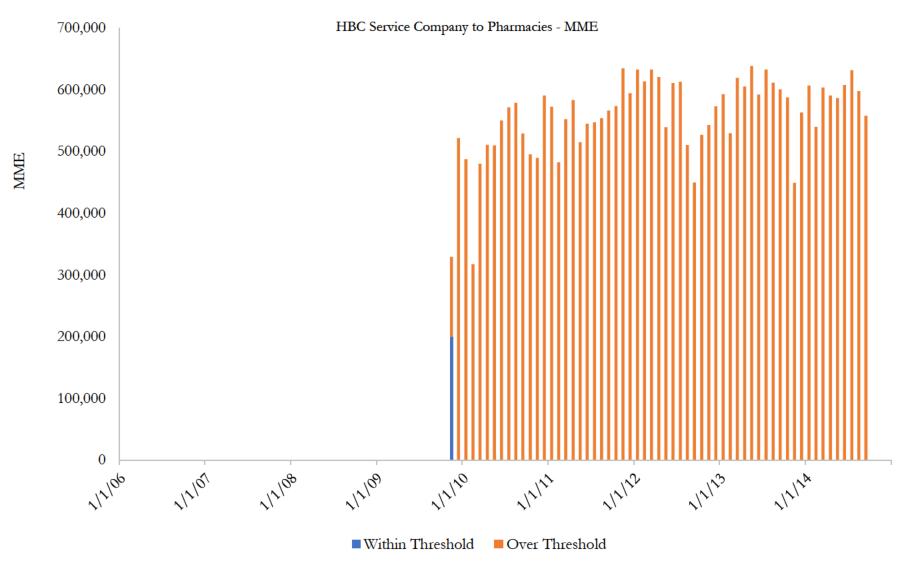
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



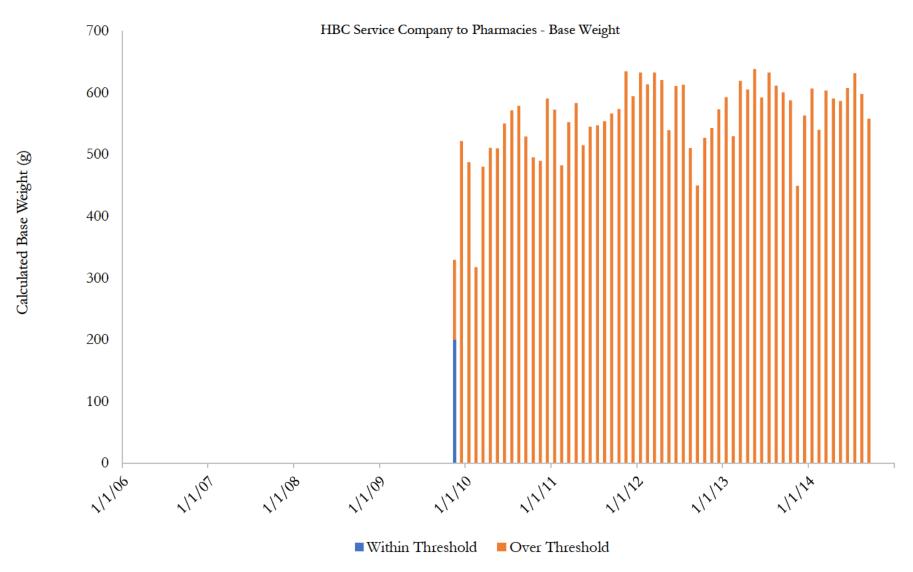
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Total Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units

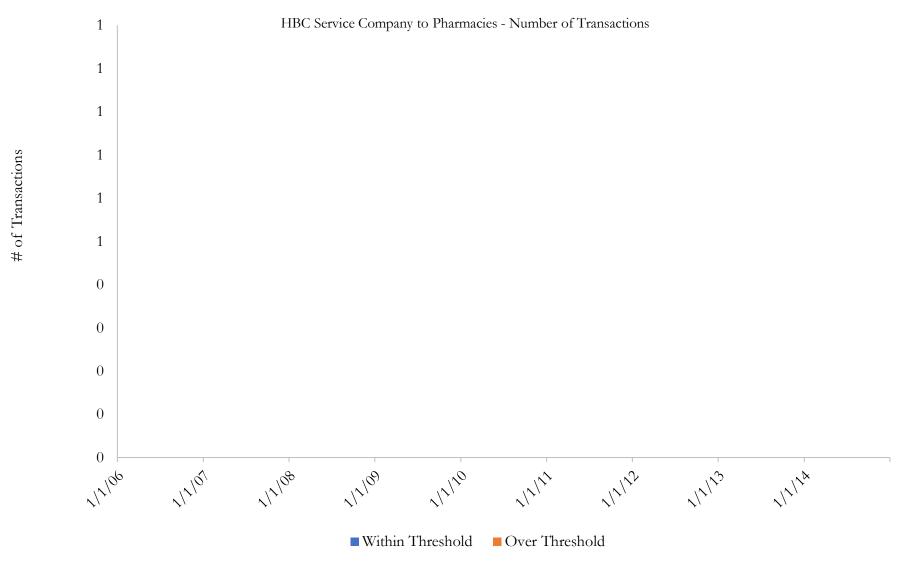
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	27,036	0	134	0	0	0	0	0	0	0	0	27,170
Total # of Transactions	0	27,038	0	711	0	0	0	0	0	0	0	0	27,749
Percentage of Total # of Transactions	0.0%	100.0%	0.0%	18.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	97.9%
Flagged Orders - Dosage Units	0	7,443,400	0	54,700	0	0	0	0	0	0	0	0	7,498,100
Total Dosage Units	0	7,443,700	0	340,300	0	0	0	0	0	0	0	0	7,784,000
Percentage of Total Dosage Units	0.0%	100.0%	0.0%	16.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	96.3%
Flagged Orders - MME	0	32,894,762	0	210,844	0	0	0	0	0	0	0	0	33,105,606
Total MME	0	32,896,579	0	1,269,868	0	0	0	0	0	0	0	0	34,166,447
Percentage of Total MME	0.0%	100.0%	0.0%	16.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	96.9%
Flagged Orders - Calculated Base Weight (g)	0	32,895	0	1,406	0	0	0	0	0	0	0	0	34,300
Total Calculated Base Weight (g)	0	32,897	0	8,466	0	0	0	0	0	0	0	0	41,362
Percentage of Total Calculated Base Weight (g)	0.0%	100.0%	0.0%	16.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	82.9%

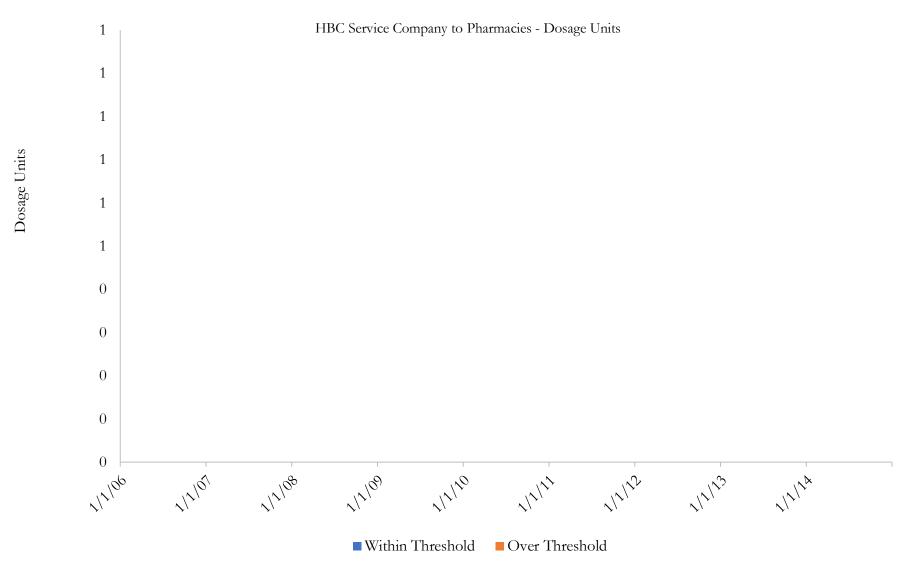
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

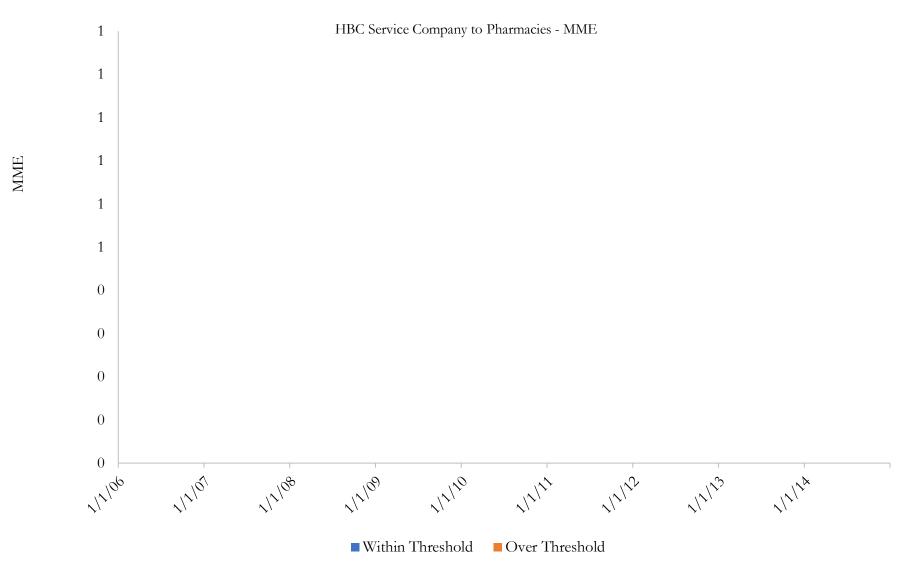
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



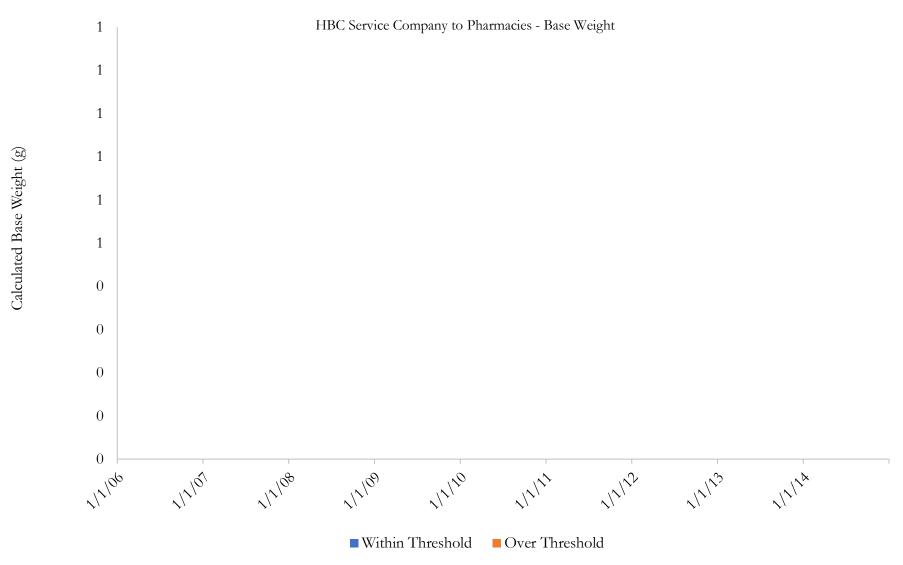
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



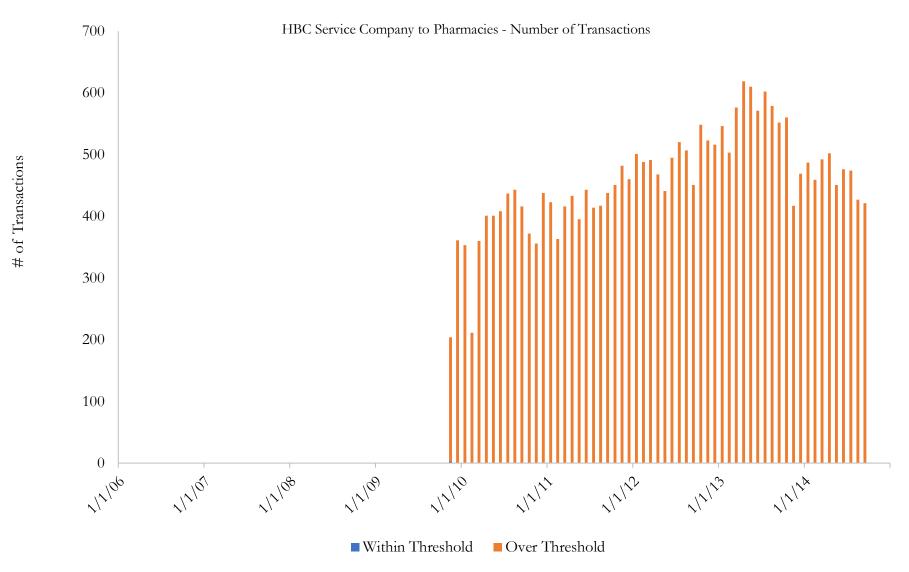
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



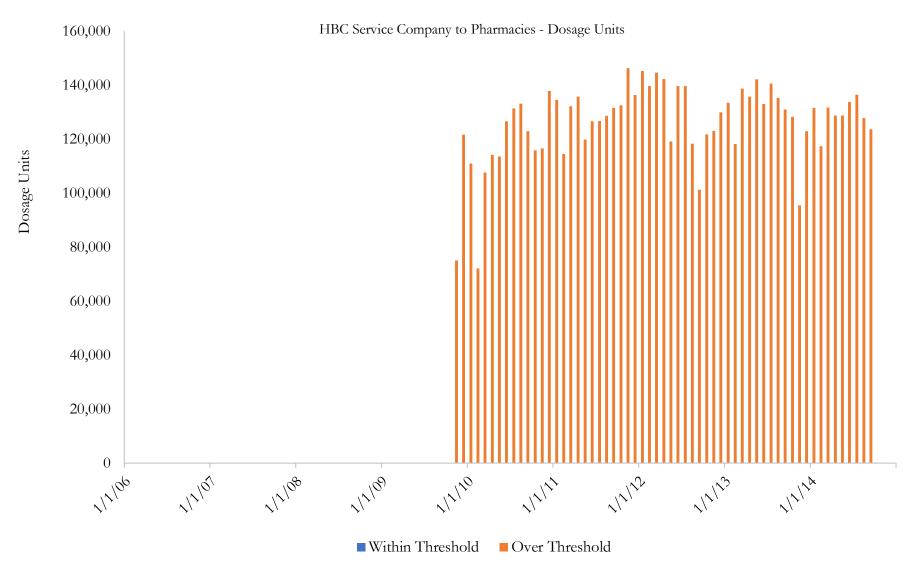
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



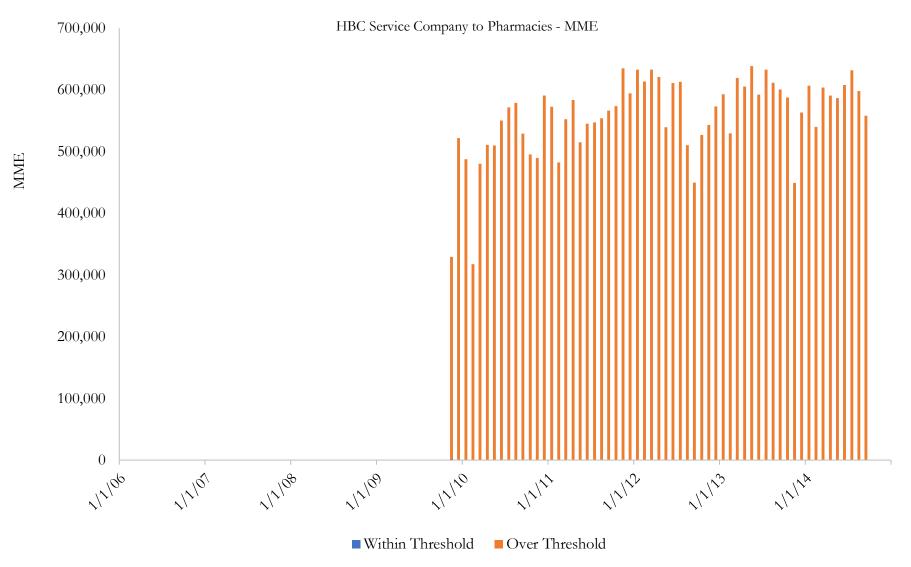
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



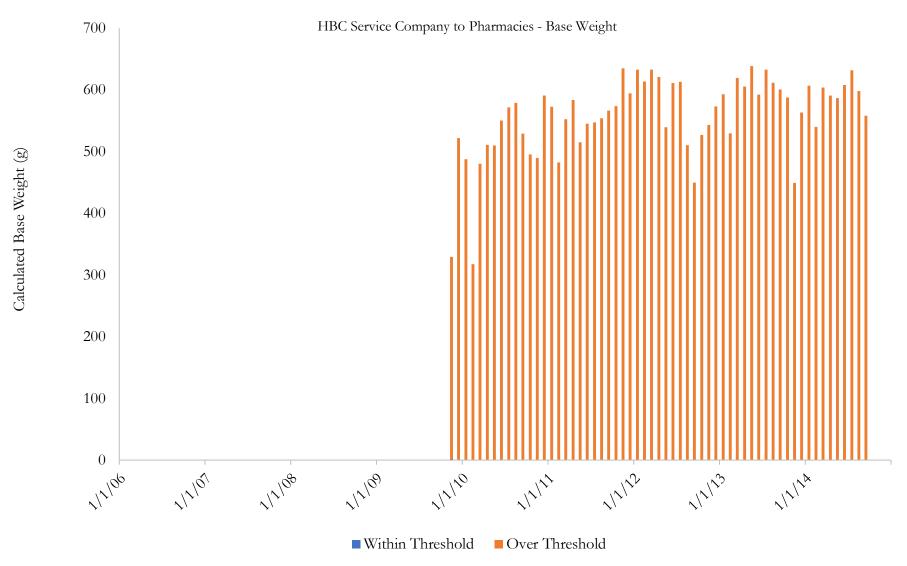
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Total Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days

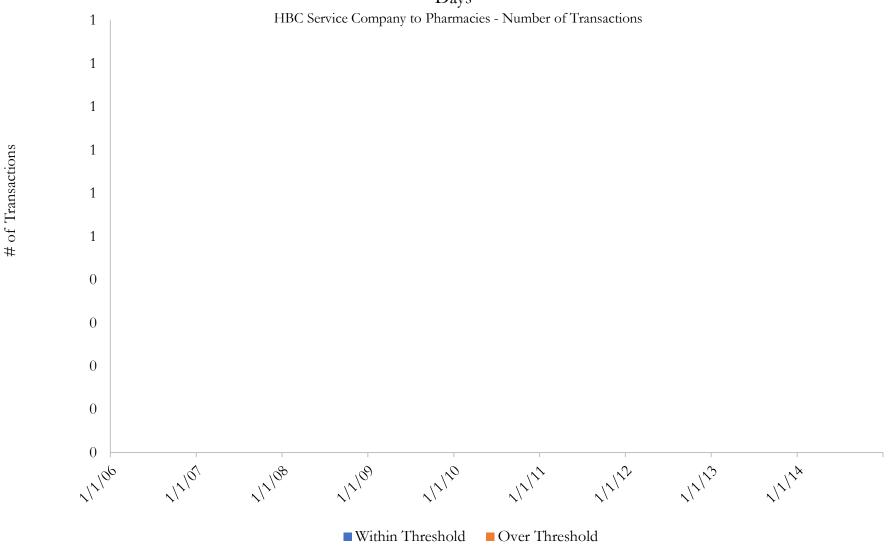
HBC Service Company to Pharmacies - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	24,759	0	612	0	0	0	0	0	0	0	0	25,371
Total # of Transactions	0	27,038	0	711	0	0	0	0	0	0	0	0	27,749
Percentage of Total # of Transactions	0.0%	91.6%	0.0%	86.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	91.4%
Flagged Orders - Dosage Units	0	6,713,300	0	291,800	0	0	0	0	0	0	0	0	7,005,100
Total Dosage Units	0	7,443,700	0	340,300	0	0	0	0	0	0	0	0	7,784,000
Percentage of Total Dosage Units	0.0%	90.2%	0.0%	85.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	90.0%
Flagged Orders - MME	0	29,671,311	0	1,087,535	0	0	0	0	0	0	0	0	30,758,846
Total MME	0	32,896,579	0	1,269,868	0	0	0	0	0	0	0	0	34,166,447
Percentage of Total MME	0.0%	90.2%	0.0%	85.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	90.0%
Flagged Orders - Calculated Base Weight (g)	0	29,671	0	7,250	0	0	0	0	0	0	0	0	36,922
Total Calculated Base Weight (g)	0	32,897	0	8,466	0	0	0	0	0	0	0	0	41,362
Percentage of Total Calculated Base Weight (g)	0.0%	90.2%	0.0%	85.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	89.3%

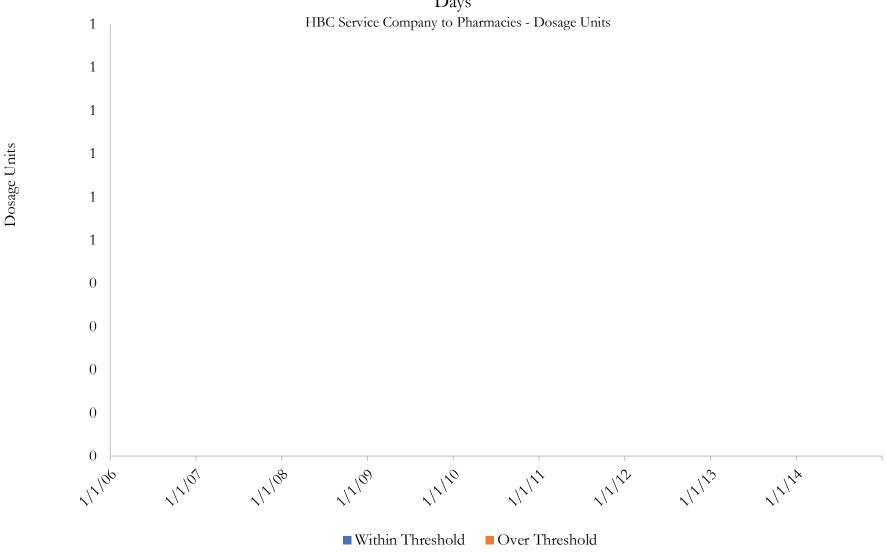
Notes:

Once an order(s) plus the total shipments over the prior 29 days exceeds the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

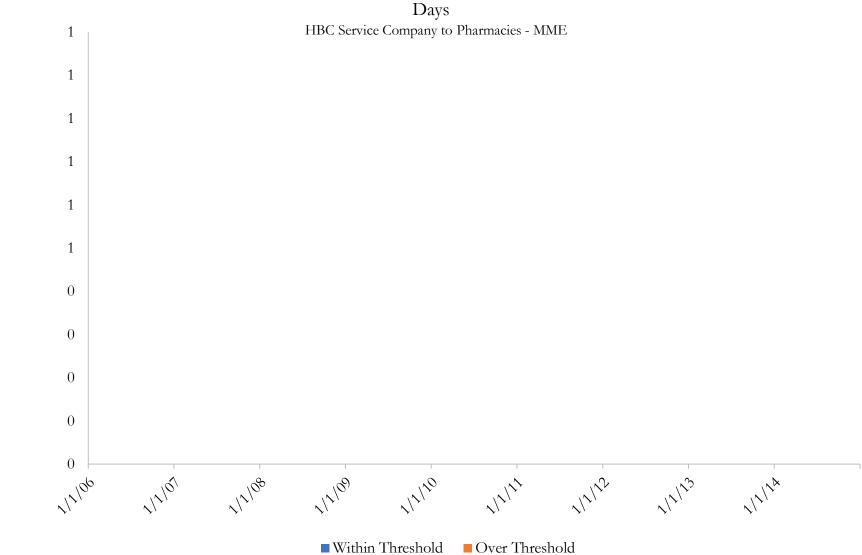
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



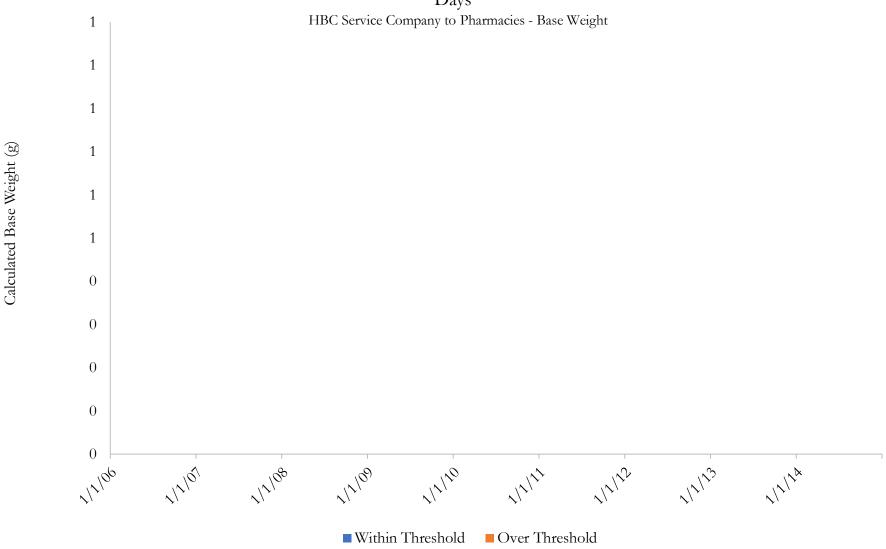
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



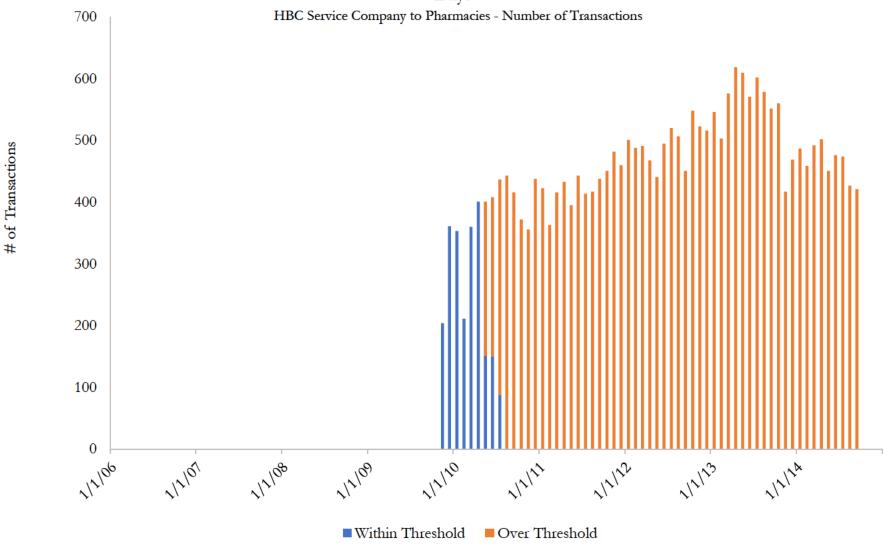
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30



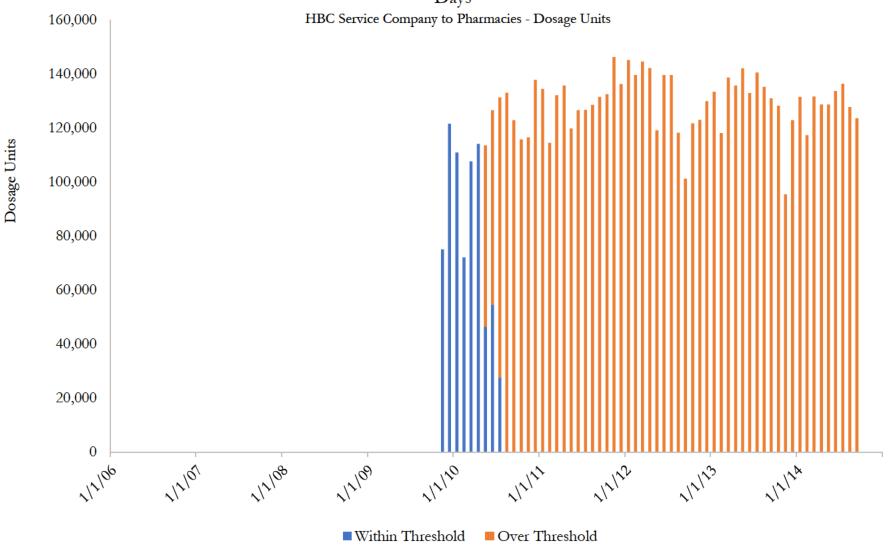
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



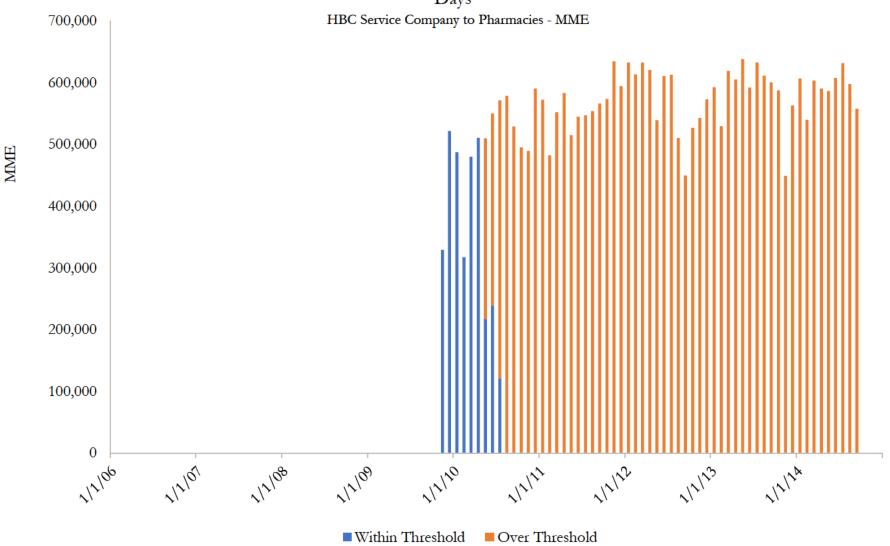
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



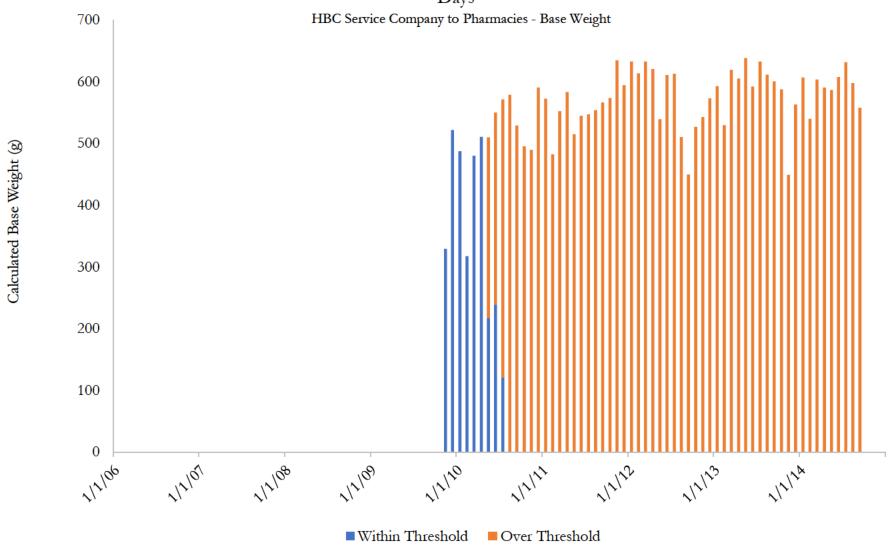
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



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B. Flagged Chain Pharmacy Defendant Transaction Reports

Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

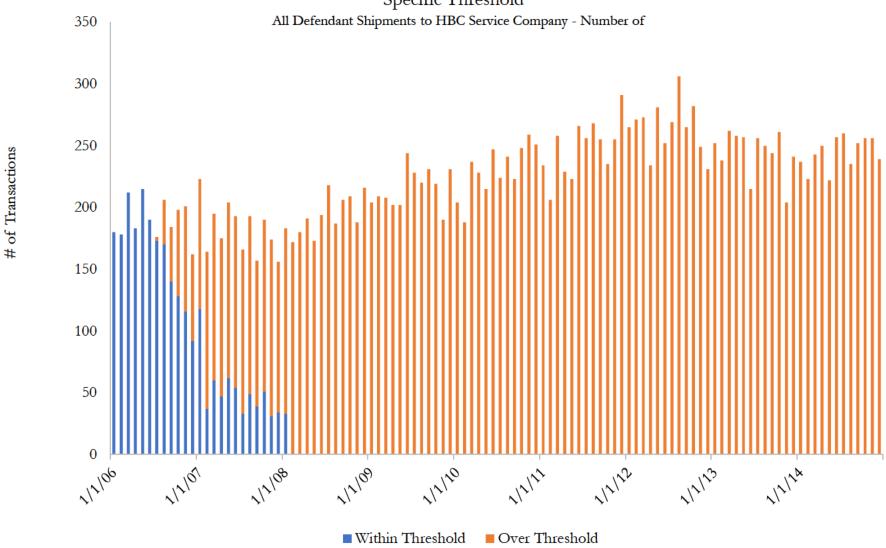
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	21,542	74,341	0	4,041	2,292	245	0	178	0	0	0	0	102,639
Total # of Transactions	24,167	79,359	7,433	4,881	4,296	1,033	661	1,296	251	63	117	0	123,557
Percentage of Total # of Transactions	89.1%	93.7%	0.0%	82.8%	53.4%	23.7%	0.0%	13.7%	0.0%	0.0%	0.0%	0.0%	83.1%
Flagged Orders - Dosage Units	8,960,180	19,305,130	0	1,188,900	304,100	40,400	0	23,140	0	0	0	0	29,821,850
Total Dosage Units	9,762,180	20,392,130	113,728	1,348,200	547,000	158,700	72,940	146,620	28,725	2,712	12,180	0	32,585,115
Percentage of Total Dosage Units	91.8%	94.7%	0.0%	88.2%	55.6%	25.5%	0.0%	15.8%	0.0%	0.0%	0.0%	0.0%	91.5%
referringe of Total Bosage Offics	71.070	JT. 1 70	0.070	00.270	33.070	23.370	0.070	13.070	0.070	0.070	0.070	0.070	71.570
Flagged Orders - MME	106,815,374	83,170,519	0	4,448,388	8,949,493	898,275	0	801,600	0	0	0	0	205,083,648
Total MME	119,907,837	87,883,656	56,918,976	5,064,530	16,547,646	2,550,912	3,037,601	4,797,200	138,155	109,440	57,544	0	297,013,496
Percentage of Total MME	89.1%	94.6%	0.0%	87.8%	54.1%	35.2%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	69.0%
Flagged Orders - Calculated Base Weight (g)	71,210	83,171	0	29,656	8,949	225	0	2,004	0	0	0	0	195,215
Total Calculated Base Weight (g)	79,939	87,884	567	33,764	16,548	638	1,013	11,993	1,382	109	230	0	234,065
Percentage of Total Calculated Base Weight (g)	89.1%	94.6%	0.0%	87.8%	54.1%	35.2%	0.0%	16.7%	0.0%	0.0%	0.0%	0.0%	83.4%

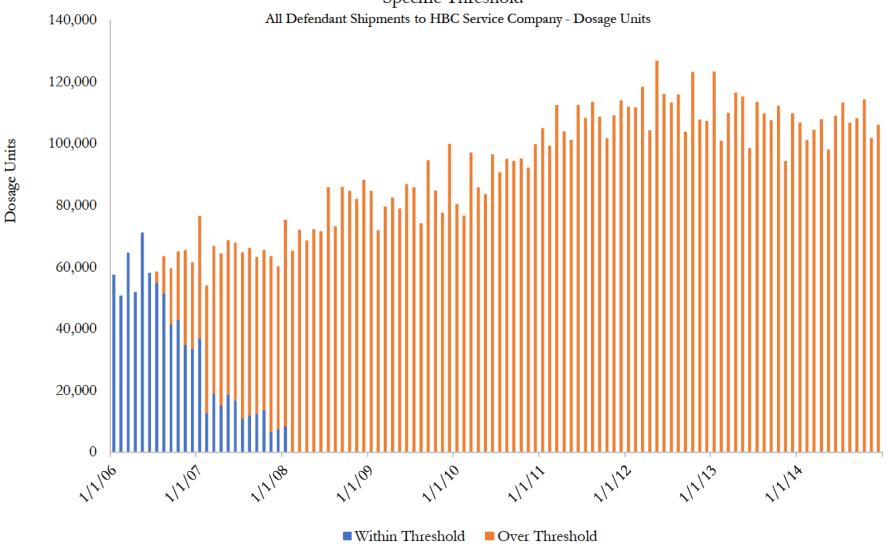
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

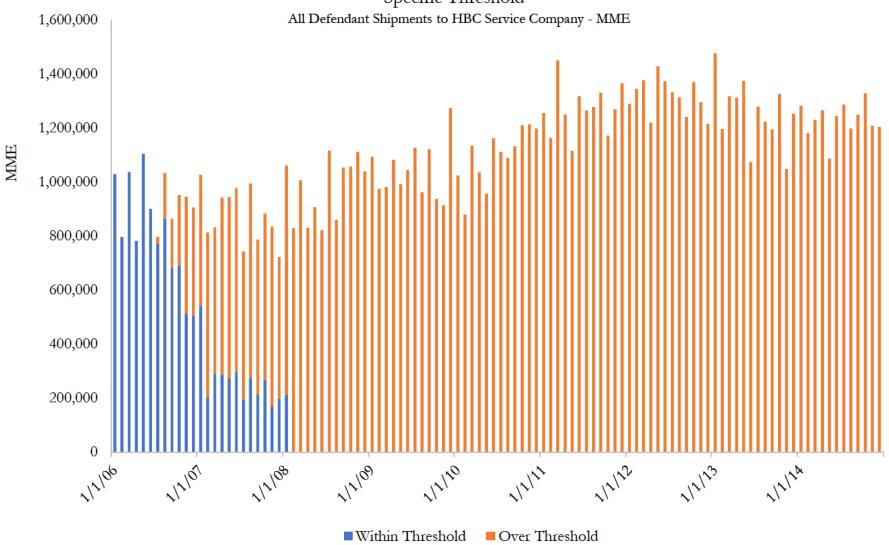
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



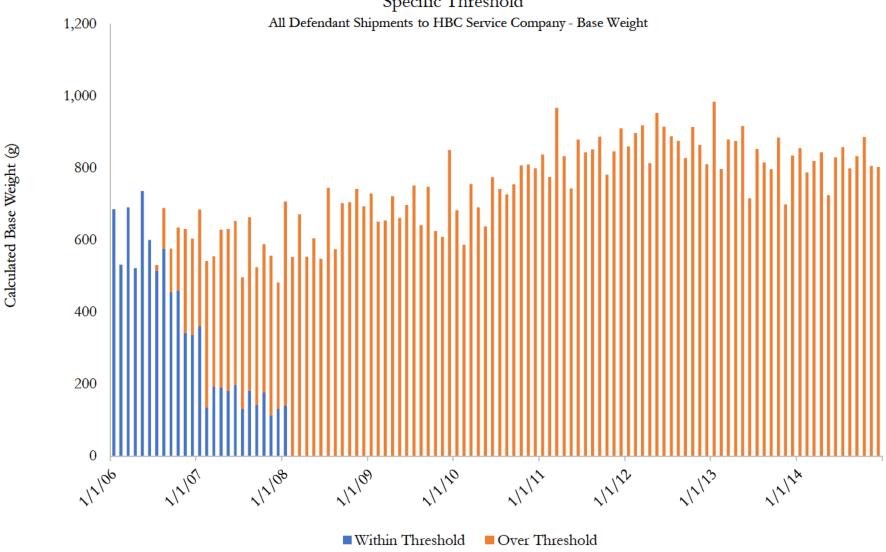
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



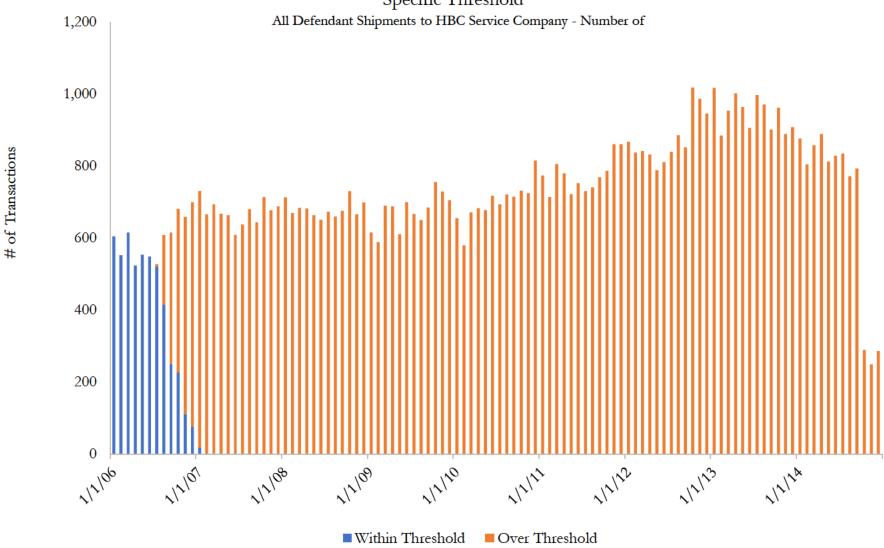
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



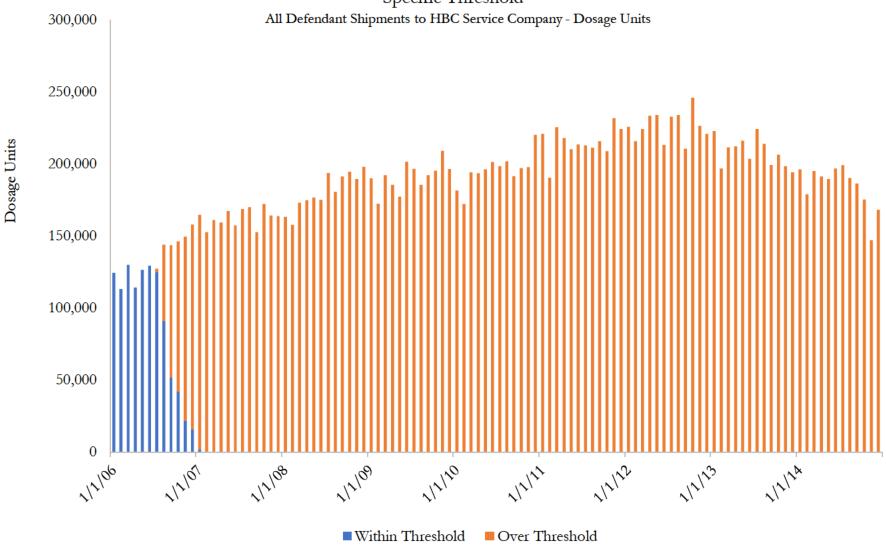
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



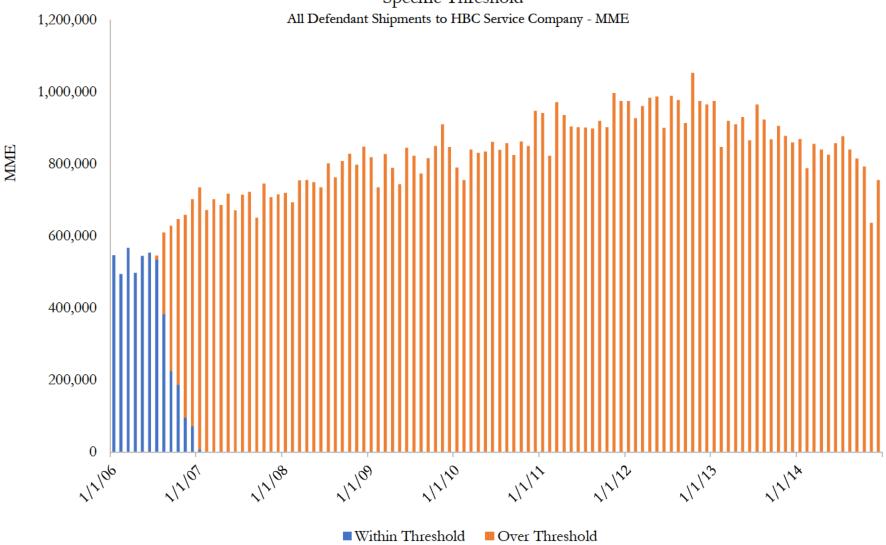
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



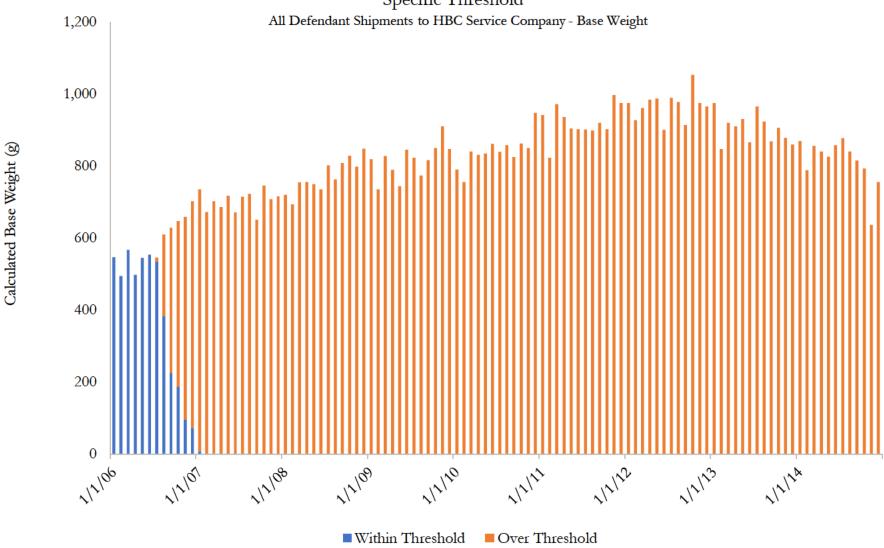
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

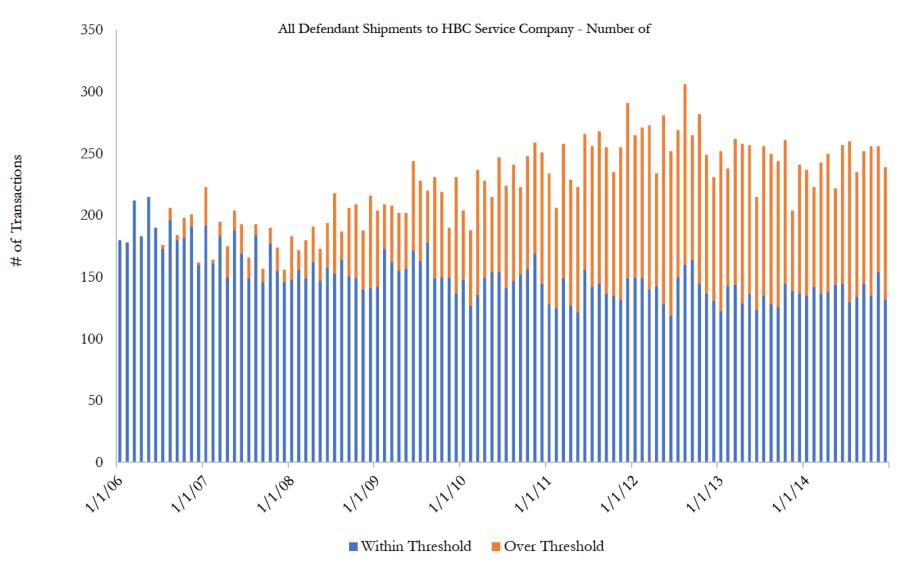
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	7,798	26,513	0	584	178	13	0	12	0	0	0	0	35,098
Total # of Transactions	24,167	79,359	7,433	4,881	4,296	1,033	661	1,296	251	63	117	0	123,557
Percentage of Total # of Transactions	32.3%	33.4%	0.0%	12.0%	4.1%	1.3%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	28.4%
Flagged Orders - Dosage Units	3,679,300	6,897,110	0	261,710	28,900	2,200	0	2,400	0	0	0	0	10,871,620
				ŕ	ŕ	ŕ		ŕ	28,725			0	
Total Dosage Units	9,762,180	20,392,130	113,728	1,348,200	547,000	158,700	72,940	146,620		2,712	12,180		32,585,115
Percentage of Total Dosage Units	37.7%	33.8%	0.0%	19.4%	5.3%	1.4%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	33.4%
Flagged Orders - MME	39,059,002	29,271,273	0	951,038	702,267	43,784	0	53,000	0	0	0	0	70,080,364
Total MME	119,907,837	87,883,656	56,918,976	5,064,530	16,547,646	2,550,912	3,037,601	4,797,200	138,155	109,440	57,544	0	297,013,496
Percentage of Total MME	32.6%	33.3%	0.0%	18.8%	4.2%	1.7%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	23.6%
Flagged Orders - Calculated Base Weight (g)	26,039	29,271	0	6,340	702	11	0	133	0	0	0	0	62,497
Total Calculated Base Weight (g)	79,939	87,884	567	33,764	16,548	638	1,013	11,993	1,382	109	230	0	234,065
Percentage of Total Calculated Base Weight (g)	32.6%	33.3%	0.0%	18.8%	4.2%	1.7%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	26.7%

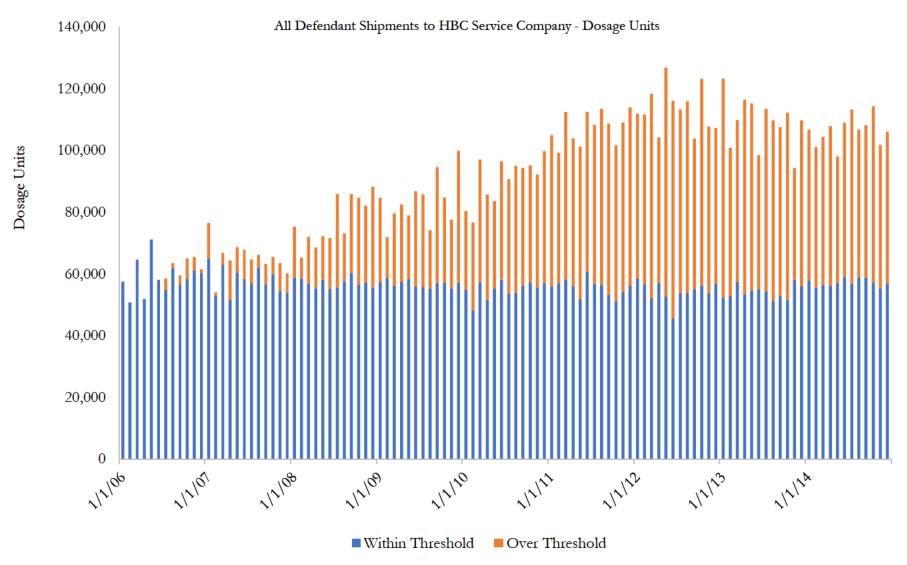
Notes:

Once an order(s) exceeds the largest total order of any of the previous six months all subsequent monthly threshold is fixed. All monthly order(s) exceeding this threshold is considered suspicious. This method assumes no due diligence on the suspicious order(s), but it is cleared and shipped.

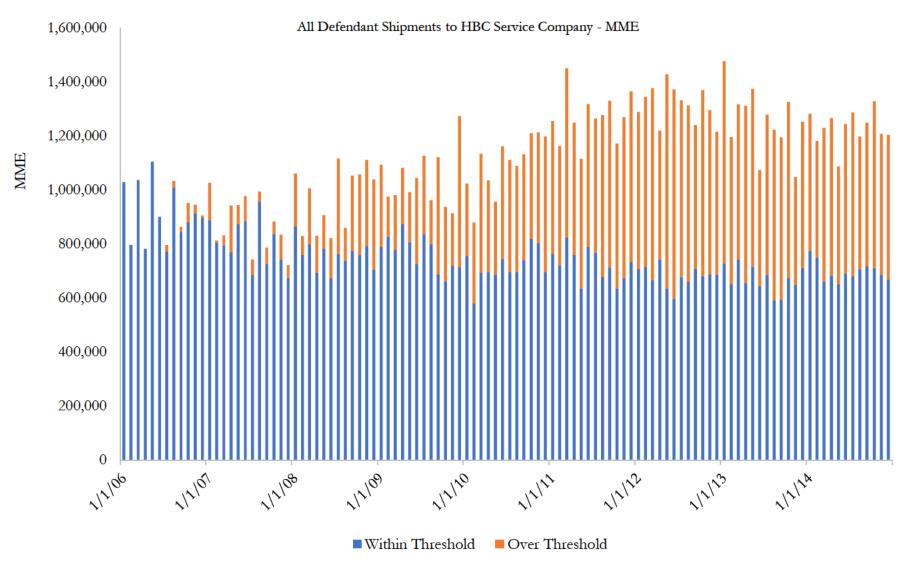
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



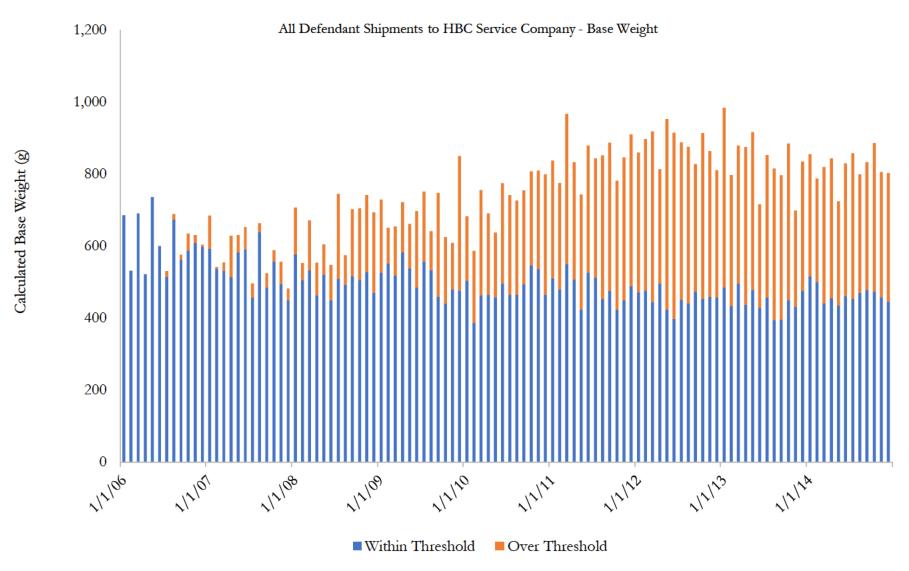
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



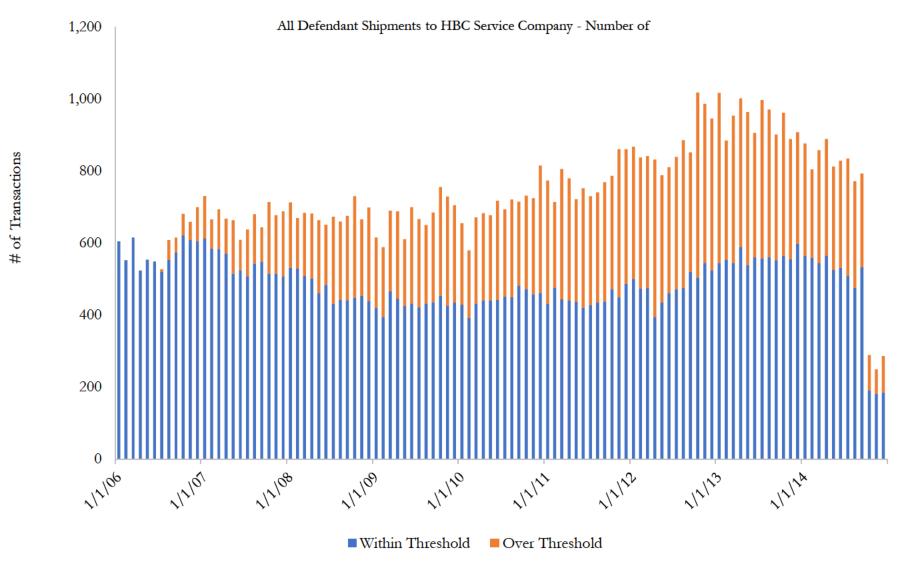
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



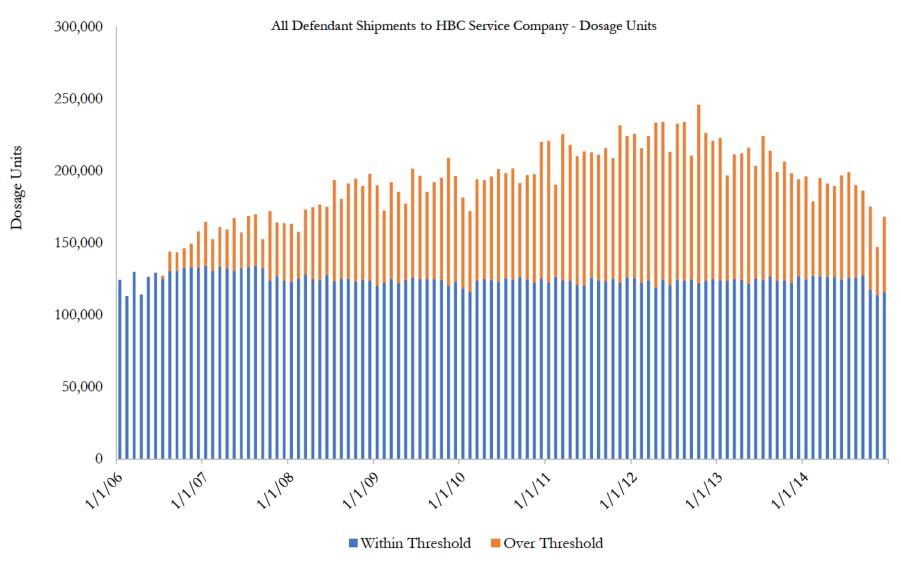
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



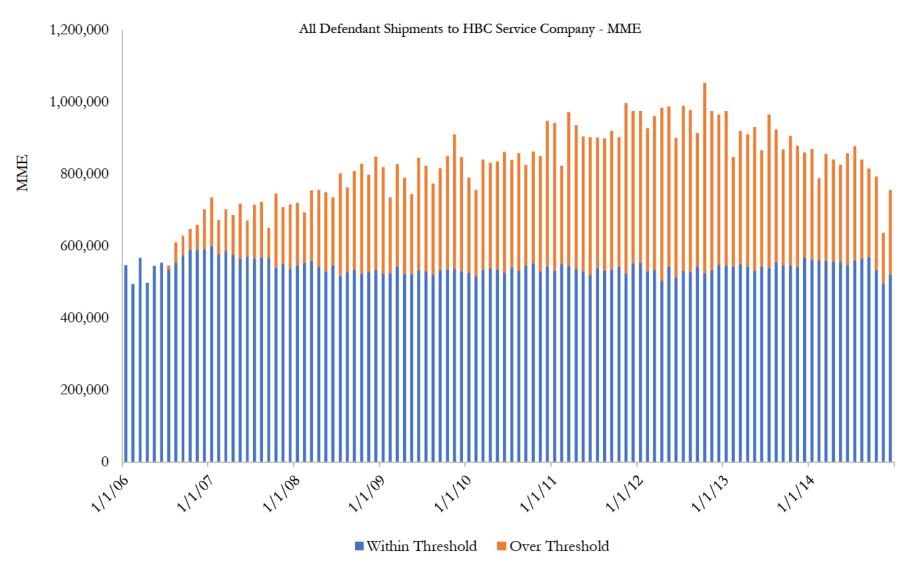
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

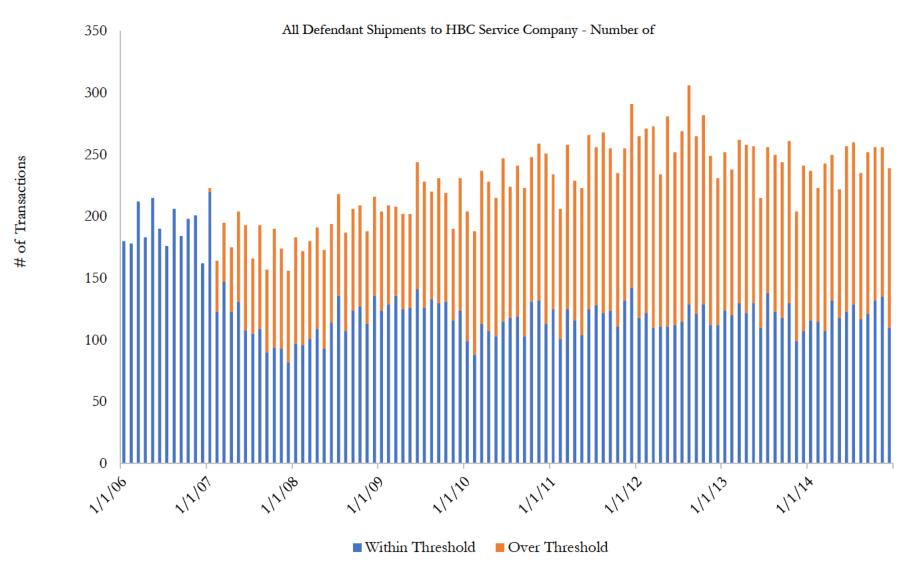
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	10,459	26,757	3,017	2,917	2,543	501	451	1,083	72	29	11	0	47,840
Total # of Transactions	24,167	79,359	7,433	4,881	4,296	1,033	661	1,296	251	63	117	0	123,557
Percentage of Total # of Transactions	43.3%	33.7%	40.6%	59.8%	59.2%	48.5%	68.2%	83.6%	28.7%	46.0%	9.4%	0.0%	38.7%
El 10.1 D 11.5	2.027.000	7.070.210	45 644	207.700	227 400	05.200	F0 100	122 170	0.500	1.500	1 100	0	12 267 604
Flagged Orders - Dosage Units	3,867,080	7,960,310	45,644	896,700	327,400	85,200	50,100	123,160	9,500	1,500	1,100	0	13,367,694
Total Dosage Units	9,762,180	20,392,130	113,728	1,348,200	547,000	158,700	72,940	146,620	28,725	2,712	12,180	0	32,585,115
Percentage of Total Dosage Units	39.6%	39.0%	40.1%	66.5%	59.9%	53.7%	68.7%	84.0%	33.1%	55.3%	9.0%	0.0%	41.0%
Elegand Orders MME	54 001 261	25 570 407	21 070 470	2 260 000	10,037,120	1 572 500	2.094.170	4 1 2 4 4 0 0	EO 111	59,400	4,006	0	122 020 021
Flagged Orders - MME	54,091,261	35,568,487	21,878,460	3,360,009		1,573,509	2,084,169	4,124,400	50,111			0	132,830,931
Total MME	119,907,837	87,883,656	56,918,976	5,064,530	16,547,646	2,550,912	3,037,601	4,797,200	138,155	109,440	57,544	0	297,013,496
Percentage of Total MME	45.1%	40.5%	38.4%	66.3%	60.7%	61.7%	68.6%	86.0%	36.3%	54.3%	7.0%	0.0%	44.7%
Flagged Orders - Calculated Base Weight (g)	36,061	35,568	218	22,400	10,037	393	695	10,311	501	59	16	0	116,260
Total Calculated Base Weight (g)	79,939	87,884	567	33,764	16,548	638	1,013	11,993	1,382	109	230	0	234,065
Percentage of Total Calculated Base Weight (g)	45.1%	40.5%	38.4%	66.3%	60.7%	61.7%	68.6%	86.0%	36.3%	54.3%	7.0%	0.0%	49.7%

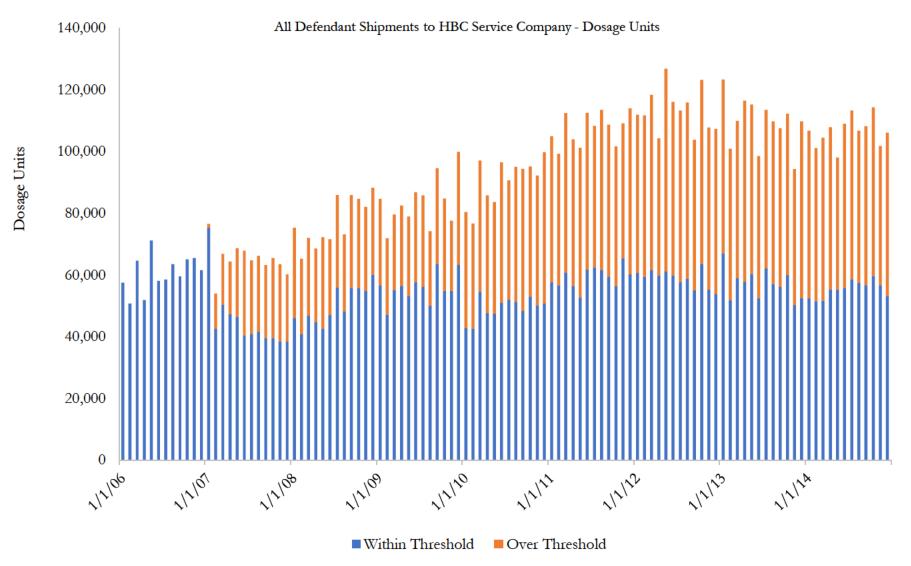
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

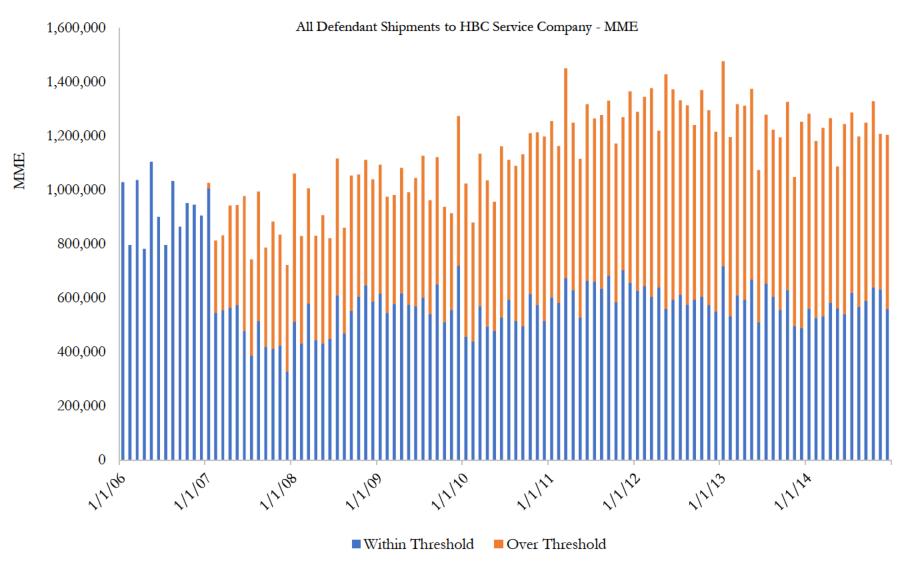
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



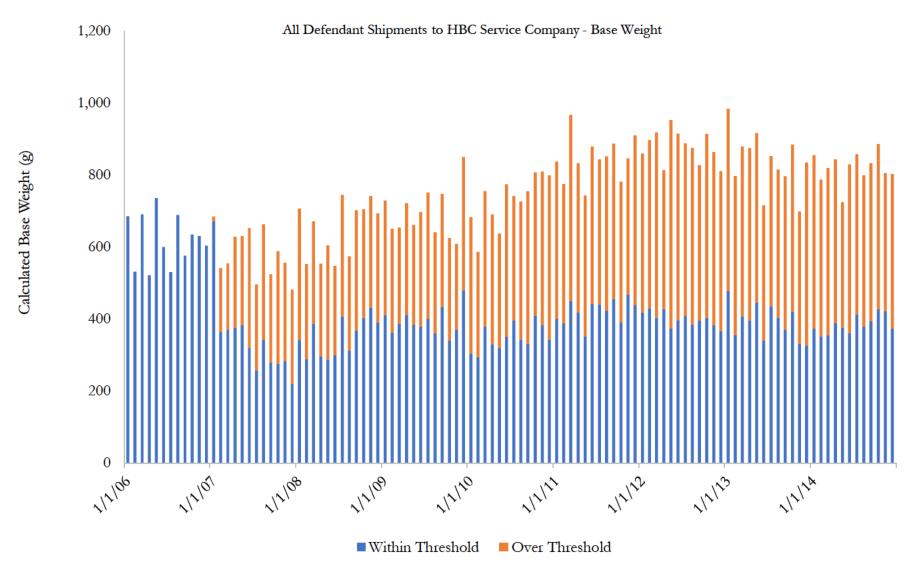
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



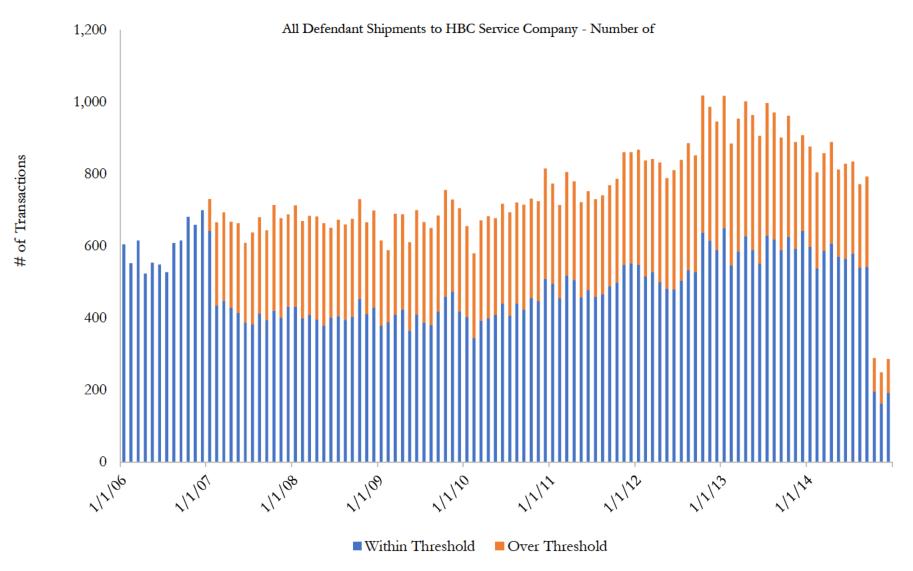
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



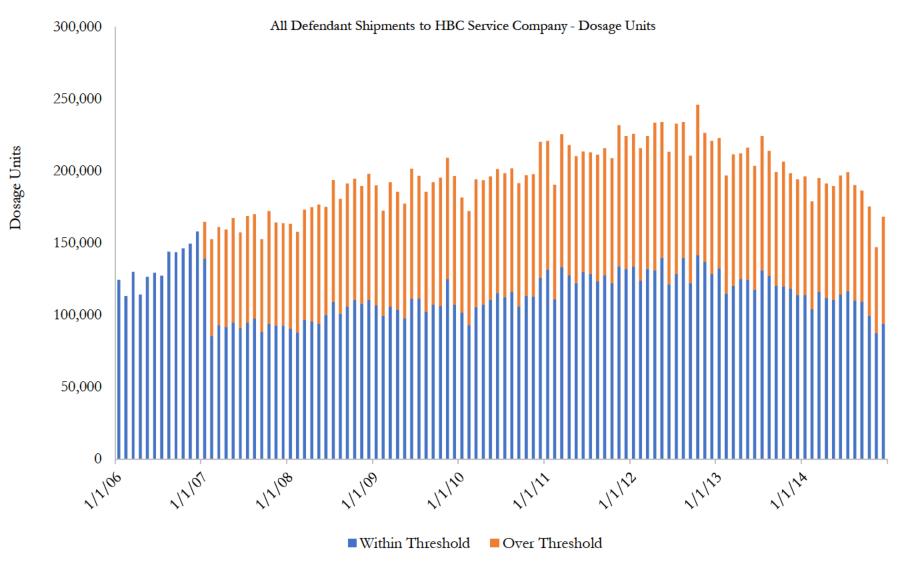
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



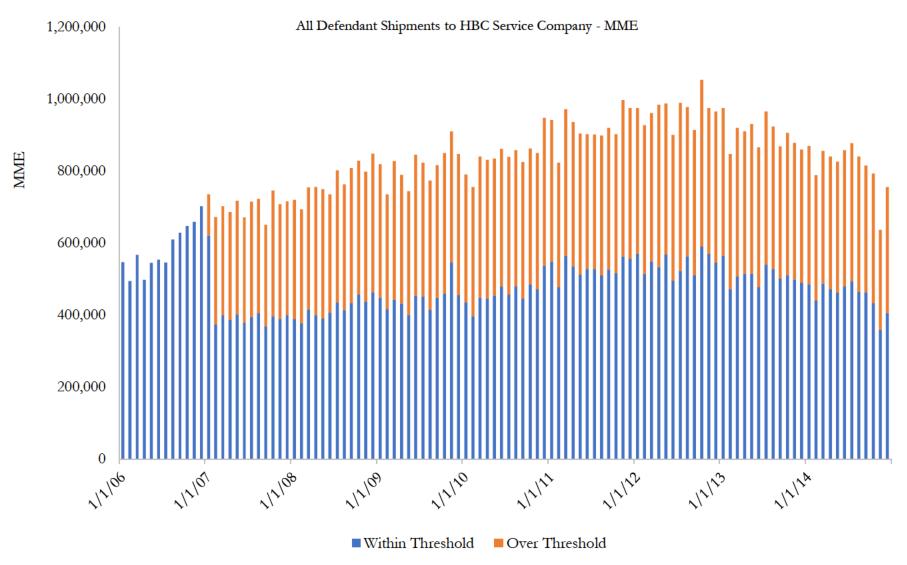
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



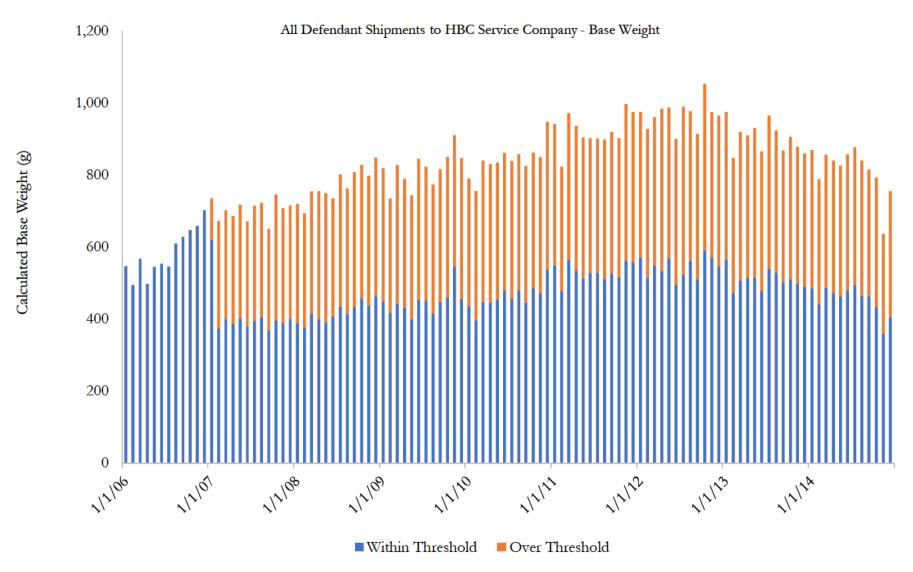
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units

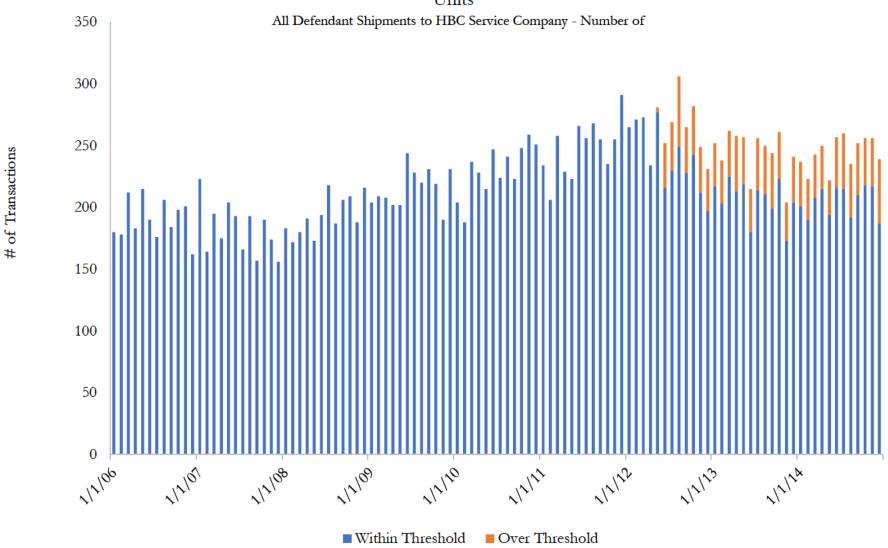
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	1,207	9,852	626	1,373	161	245	75	511	38	0	0	0	14,088
Total # of Transactions	24,167	79,359	7,433	4,881	4,296	1,033	661	1,296	251	63	117	0	123,557
Percentage of Total # of Transactions	5.0%	12.4%	8.4%	28.1%	3.7%	23.7%	11.3%	39.4%	15.1%	0.0%	0.0%	0.0%	11.4%
Flagged Orders - Dosage Units	610,600	3,206,350	12,229	330,190	22,900	40,400	8,420	66,460	4,600	0	0	0	4,302,149
Total Dosage Units	9,762,180	20,392,130	113,728	1,348,200	547,000	158,700	72,940	146,620	28,725	2,712	12,180	0	32,585,115
Percentage of Total Dosage Units	6.3%	15.7%	10.8%	24.5%	4.2%	25.5%	11.5%	45.3%	16.0%	0.0%	0.0%	0.0%	13.2%
Flagged Orders - MME	6,851,793	14,291,825	4,700,645	1,273,976	409,690	898,275	380,168	2,010,600	26,581	0	0	0	30,843,553
Total MME	119,907,837	87,883,656	56,918,976	5,064,530	16,547,646	2,550,912	3,037,601	4,797,200	138,155	109,440	57,544	0	297,013,496
Percentage of Total MME	5.7%	16.3%	8.3%	25.2%	2.5%	35.2%	12.5%	41.9%	19.2%	0.0%	0.0%	0.0%	10.4%
Flagged Orders - Calculated Base Weight (g)	4,568	14,292	46	8,493	410	225	127	5,027	266	0	0	0	33,453
Total Calculated Base Weight (g)	79,939	87,884	567	33,764	16,548	638	1,013	11,993	1,382	109	230	0	234,065
Percentage of Total Calculated Base Weight (g)	5.7%	16.3%	8.2%	25.2%	2.5%	35.2%	12.5%	41.9%	19.2%	0.0%	0.0%	0.0%	14.3%

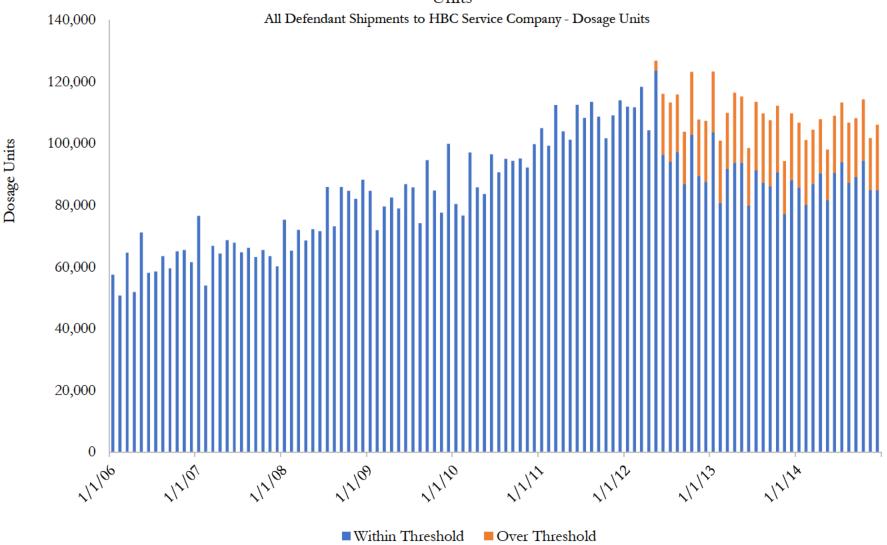
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

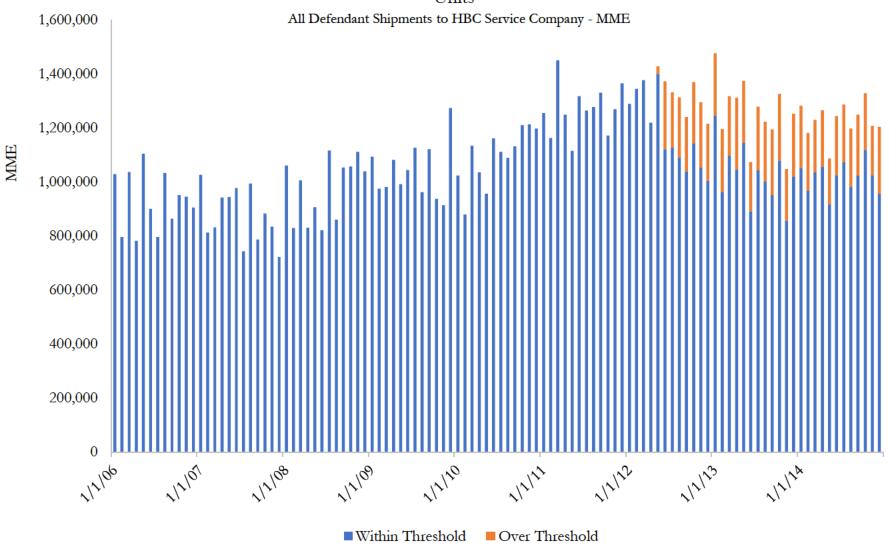
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



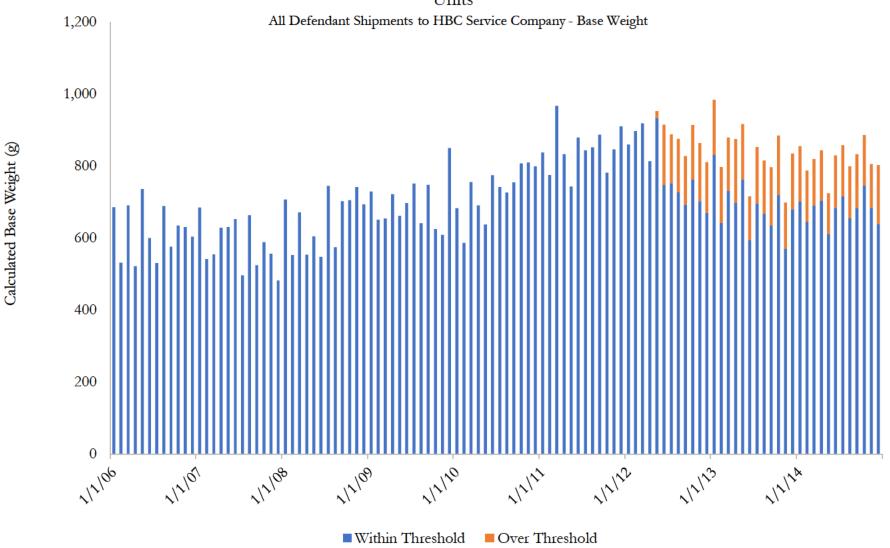
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



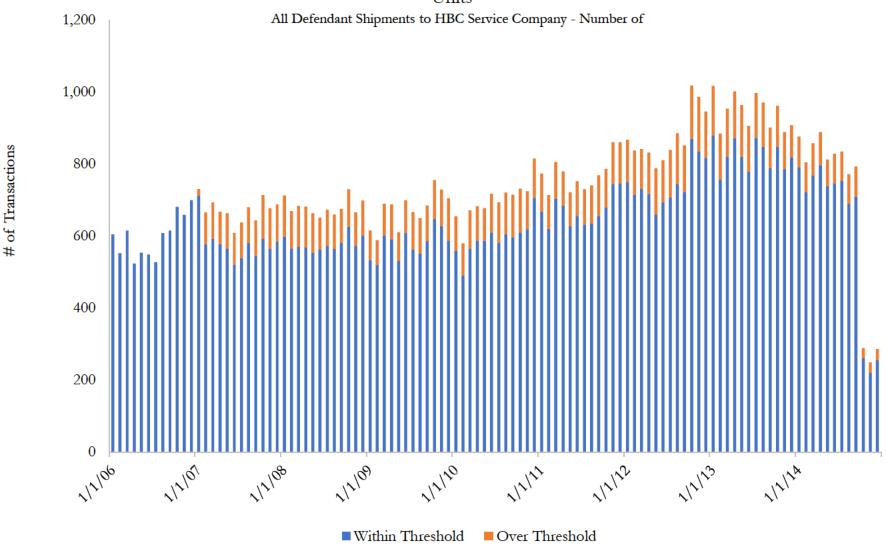
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



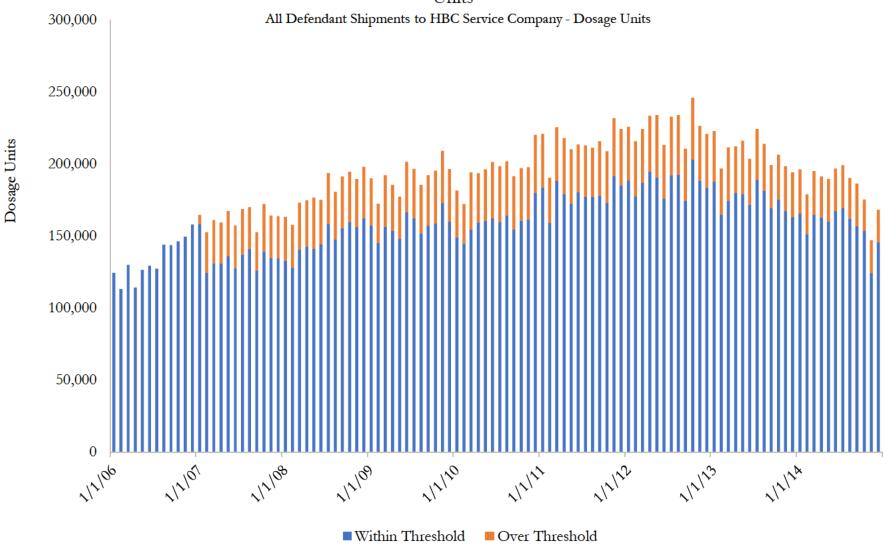
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



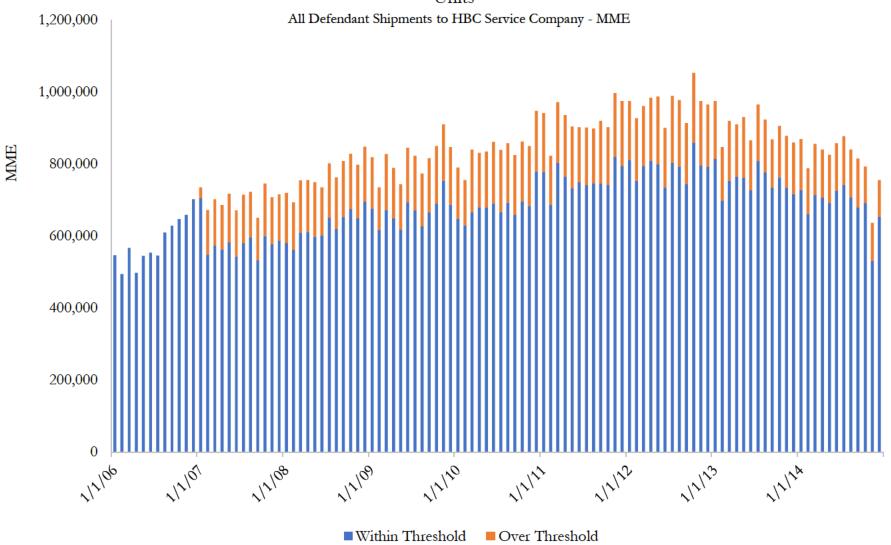
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



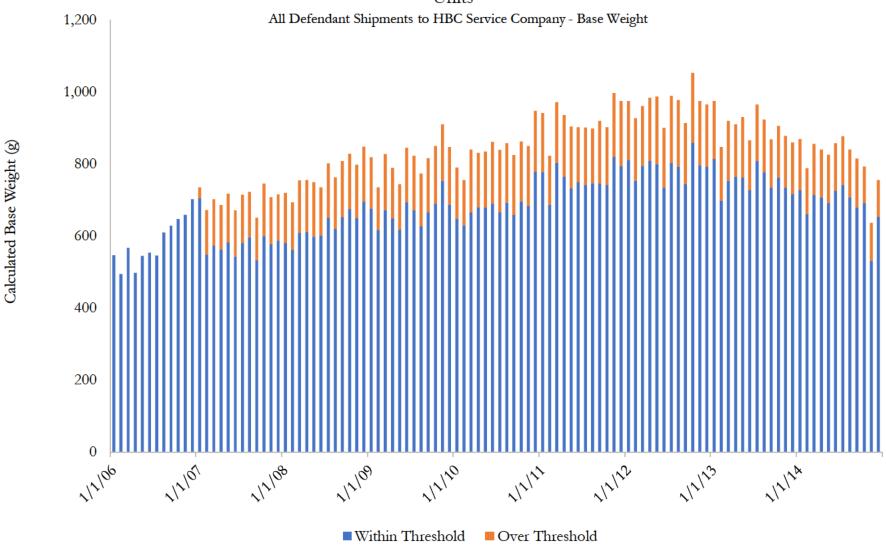
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly

All Defendant Shipments to HBC Service Company - 2006-2014

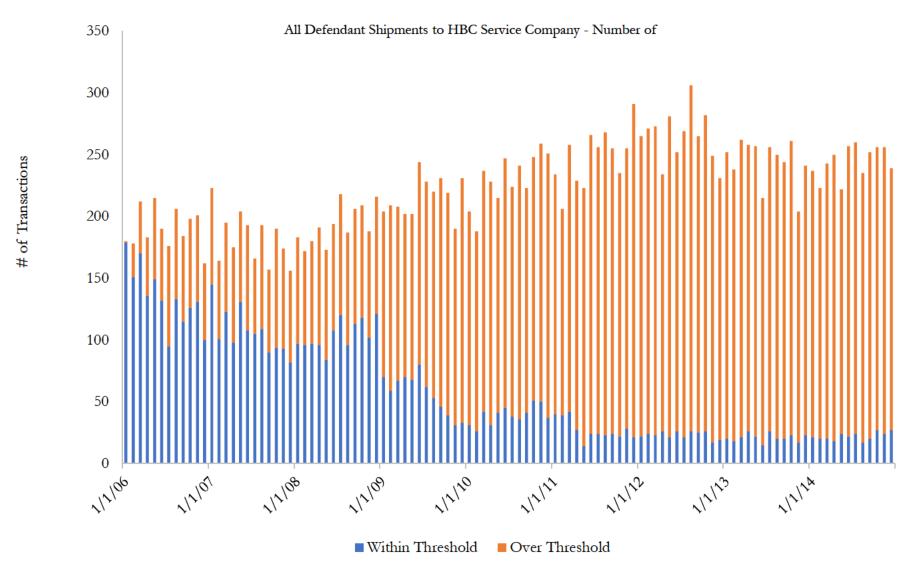
	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	17,757	72,725	0	0	0	0	0	0	0	0	0	0	90,482
Total # of Transactions	24,167	79,359	7,433	4,881	4,296	1,033	661	1,296	251	63	117	0	123,557
Percentage of Total # of Transactions	73.5%	91.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	73.2%
Flagged Orders - Dosage Units	7,283,780	19,190,810	0	0	0	0	0	0	0	0	0	0	26,474,590
Total Dosage Units	9,762,180	20,392,130	113,728	1,348,200	547,000	158,700	72,940	146,620	28,725	2,712	12,180	0	32,585,115
Percentage of Total Dosage Units	74.6%	94.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	81.2%
Flagged Orders - MME	91,899,615	83,014,196	0	0	0	0	0	0	0	0	0	0	174,913,810
Total MME	119,907,837	87,883,656	56,918,976	5,064,530	16,547,646	2,550,912	3,037,601	4,797,200	138,155	109,440	57,544	0	297,013,496
Percentage of Total MME	76.6%	94.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	58.9%
Flagged Orders - Calculated Base Weight (g)	61,266	83,014	0	0	0	0	0	0	0	0	0	0	144,281
Total Calculated Base Weight (g)	79,939	87,884	567	33,764	16,548	638	1,013	11,993	1,382	109	230	0	234,065
Percentage of Total Calculated Base Weight (g)	76.6%	94.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	61.6%

Notes:

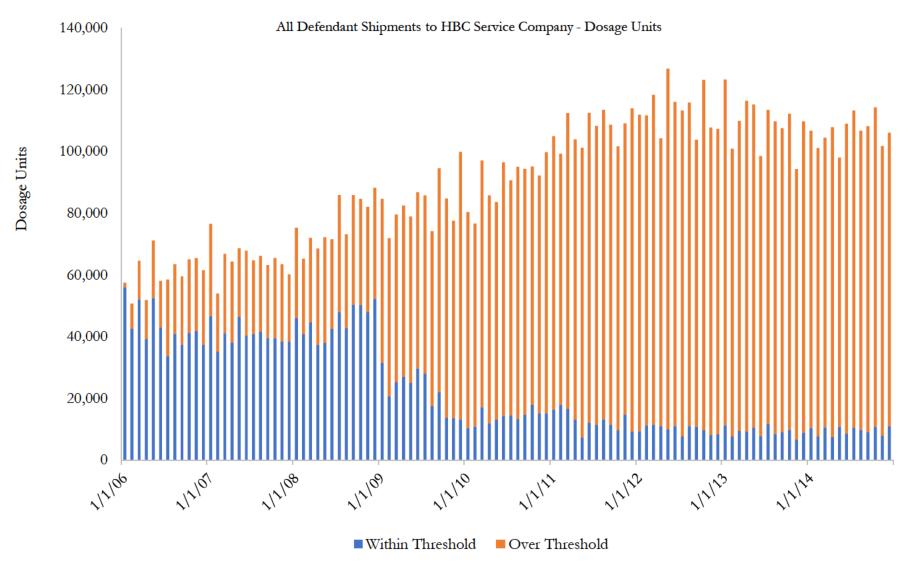
Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

2006-2014

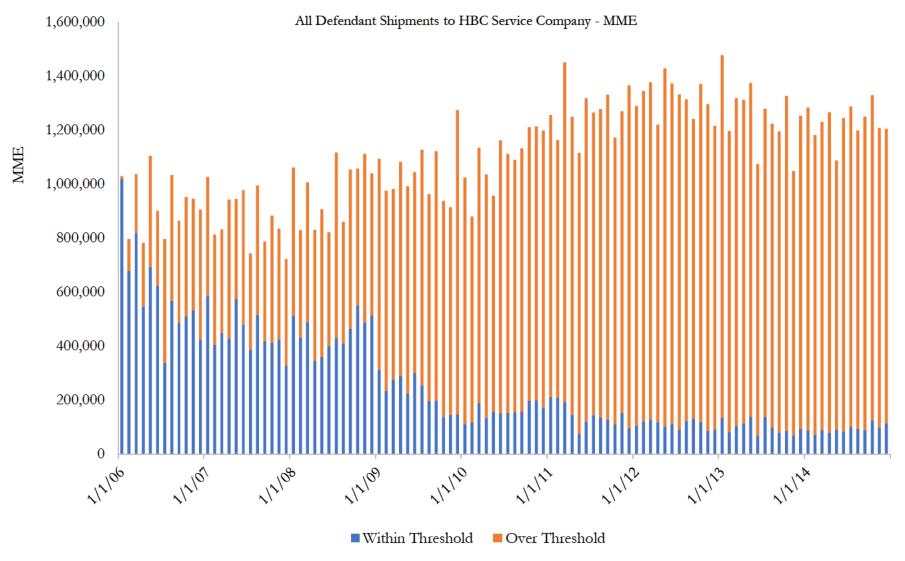
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



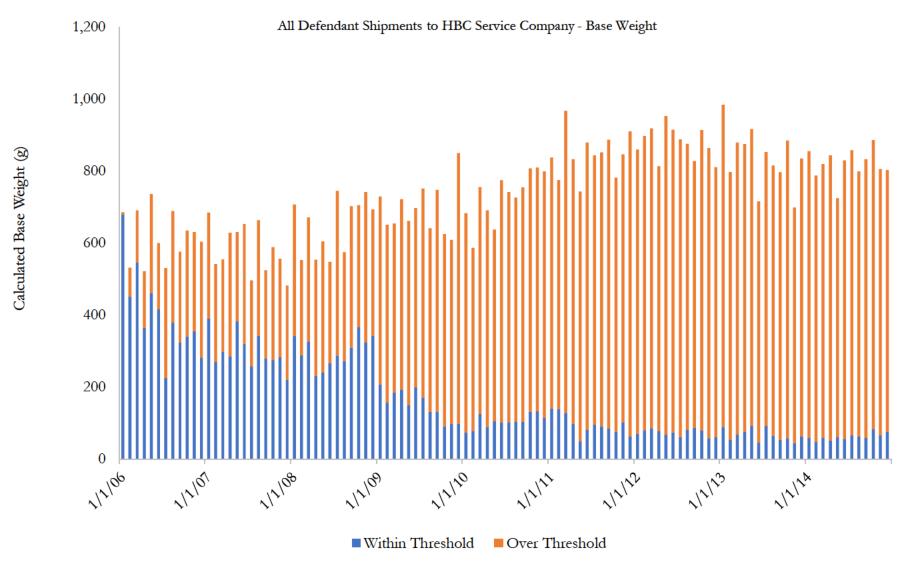
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



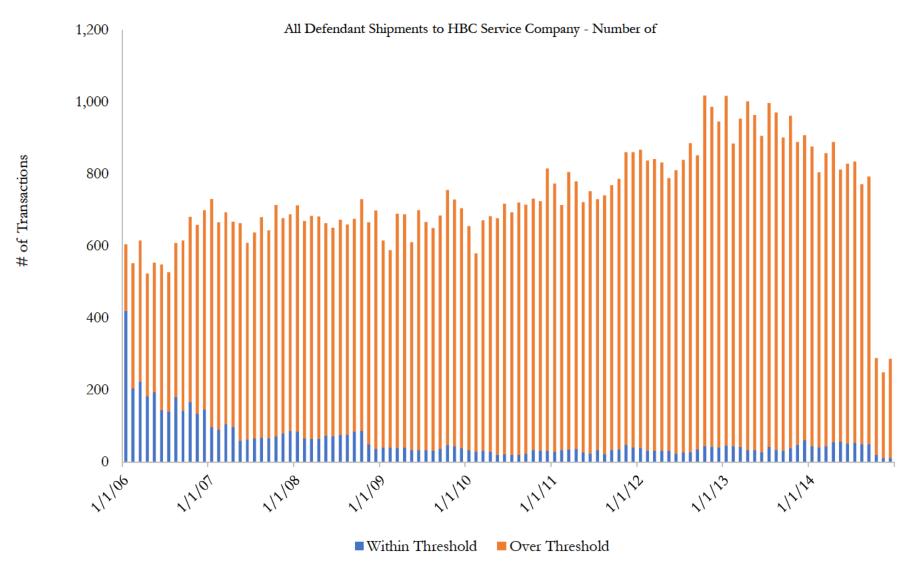
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



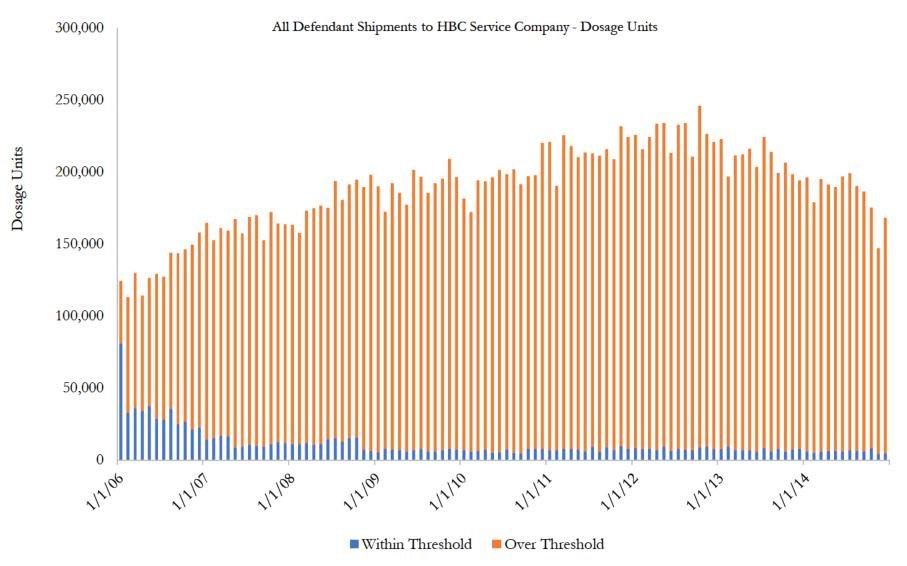
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



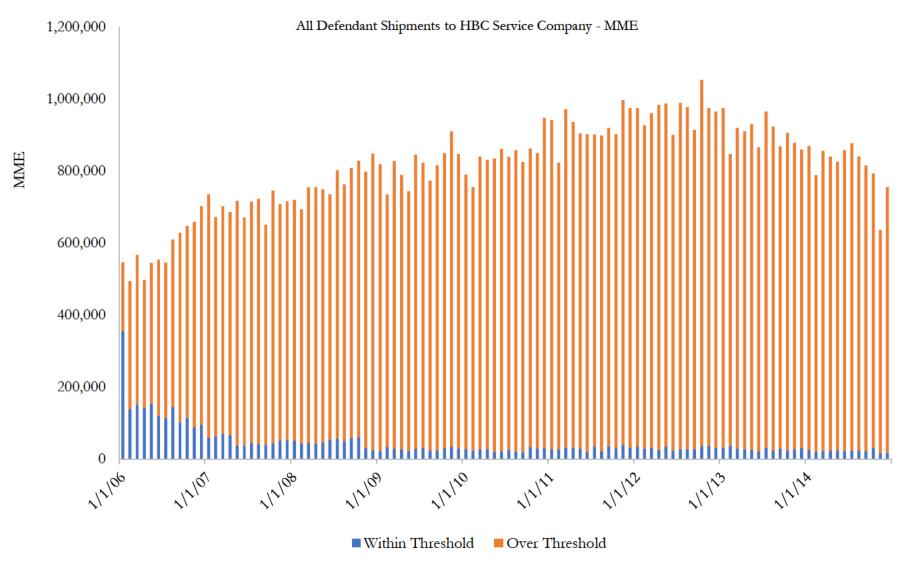
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



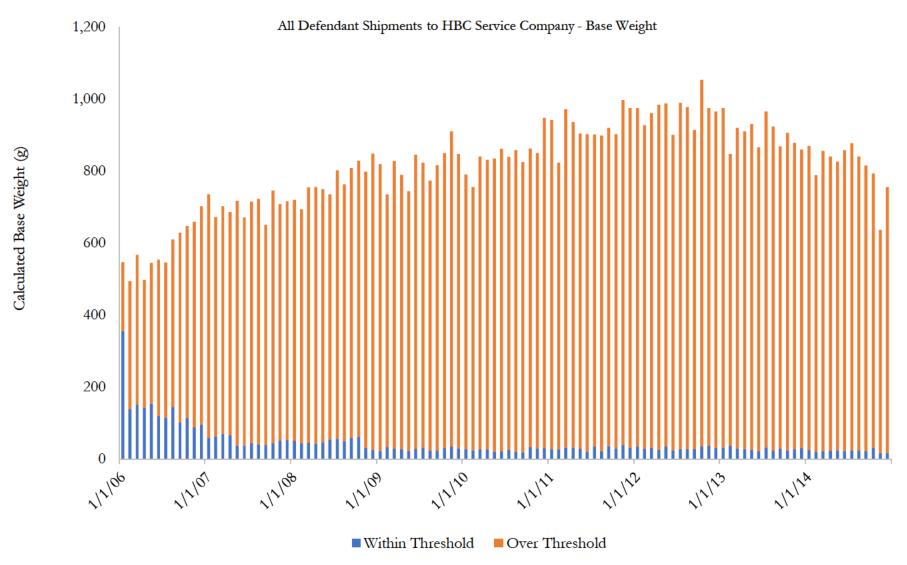
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units

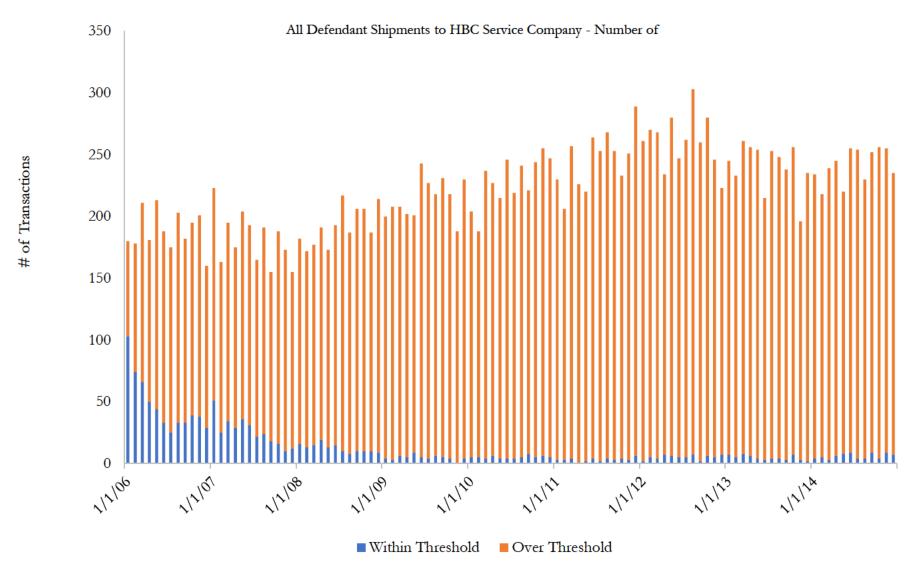
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	22,569	78,053	0	601	2,401	367	0	0	0	0	0	0	103,991
Total # of Transactions	23,937	79,359	0	4,823	4,296	1,033	0	0	251	0	0	0	113,699
Percentage of Total # of Transactions	94.3%	98.4%	0.0%	12.5%	55.9%	35.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	91.5%
	0.500.000	20 224 020	0	250 200	210,000	44.0 00	0	0	0	0	0	0	20.262.400
Flagged Orders - Dosage Units	9,500,980	20,224,830	0	258,390	318,000	61,200	0	0	0	0	0	0	30,363,400
Total Dosage Units	9,762,180	20,392,130	0	1,342,400	547,000	158,700	0	0	28,725	0	0	0	32,231,135
Percentage of Total Dosage Units	97.3%	99.2%	0.0%	19.2%	58.1%	38.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	94.2%
Elegand Orders MME	115 017 111	87,185,410	0	060 649	9,495,362	1,228,090	0	0	0	0	0	0	214,694,622
Flagged Orders - MME	115,816,111			969,648									
Total MME	119,644,268	87,883,656	0	5,056,795	16,547,646	2,550,912	0	0	138,155	0	0	0	231,821,431
Percentage of Total MME	96.8%	99.2%	0.0%	19.2%	57.4%	48.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	92.6%
Flagged Orders - Calculated Base Weight (g)	77,211	87,185	0	6,464	9,495	307	0	0	0	0	0	0	180,663
Total Calculated Base Weight (g)	79,763	87,884	0	33,712	16,548	638	0	0	1,382	0	0	0	219,925
Percentage of Total Calculated Base Weight (g)	96.8%	99.2%	0.0%	19.2%	57.4%	48.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	82.1%

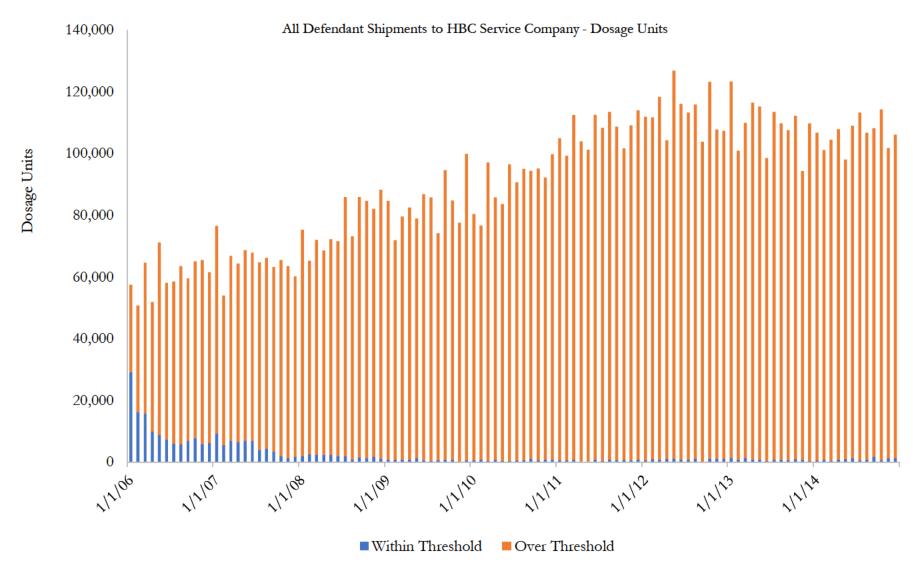
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

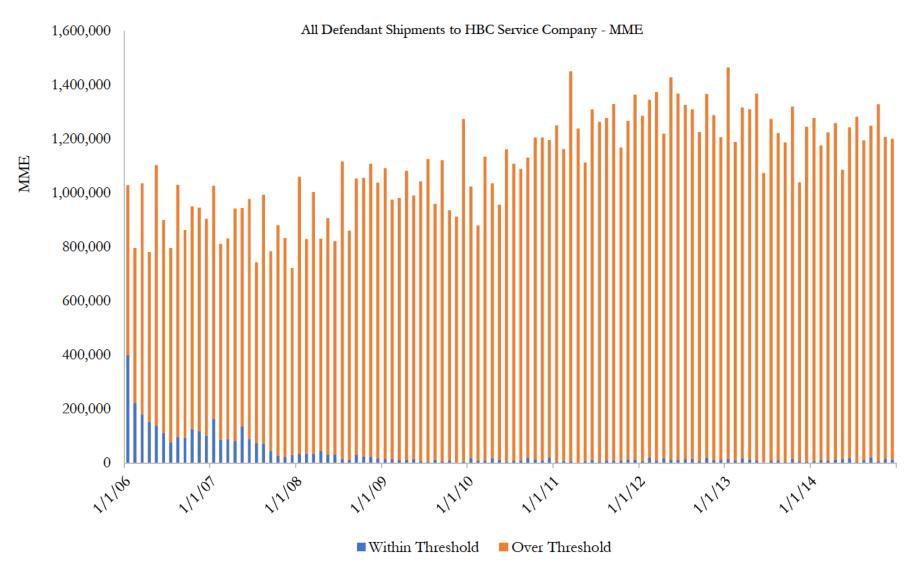
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



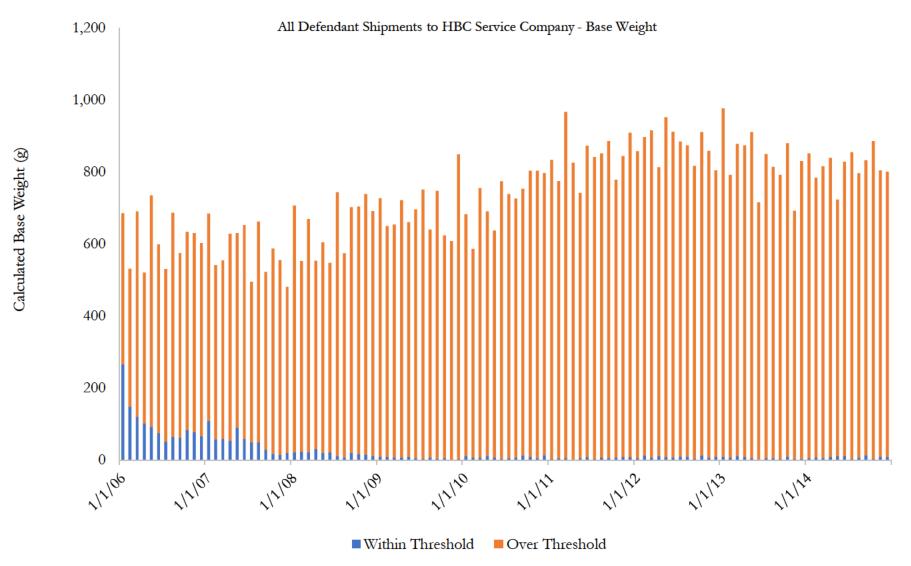
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



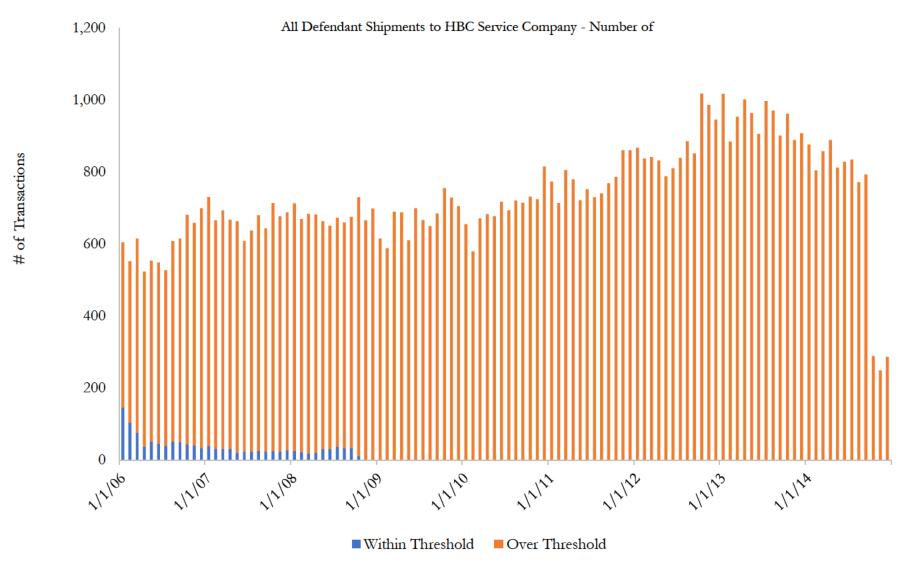
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



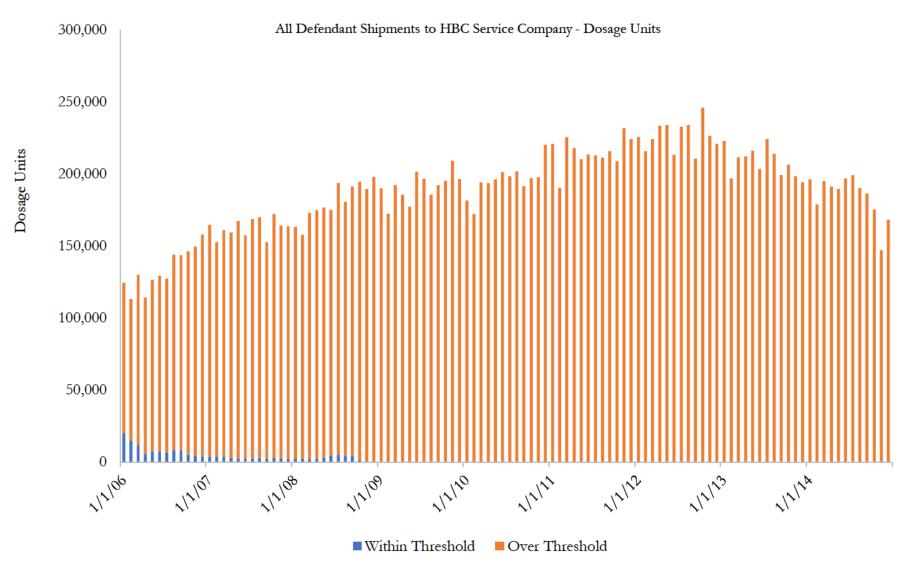
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



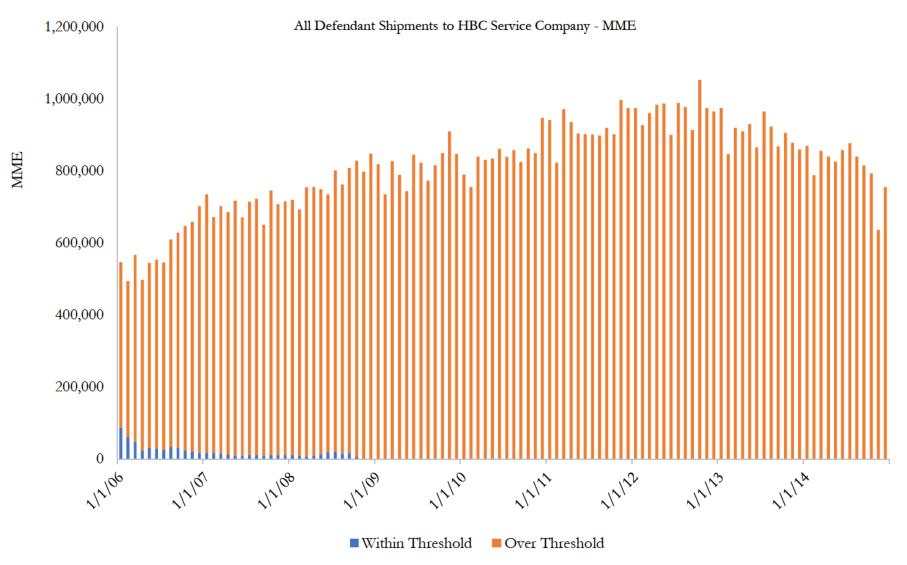
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



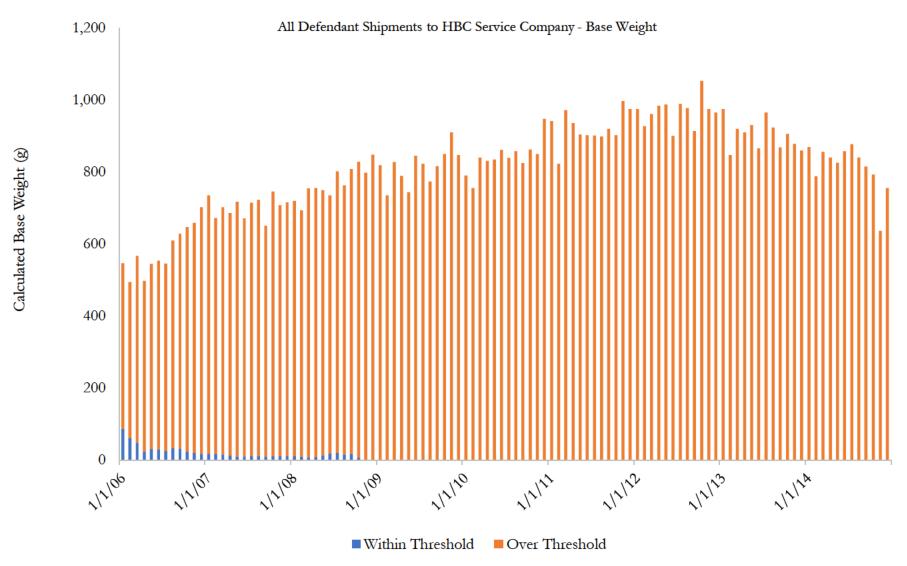
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Total Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days

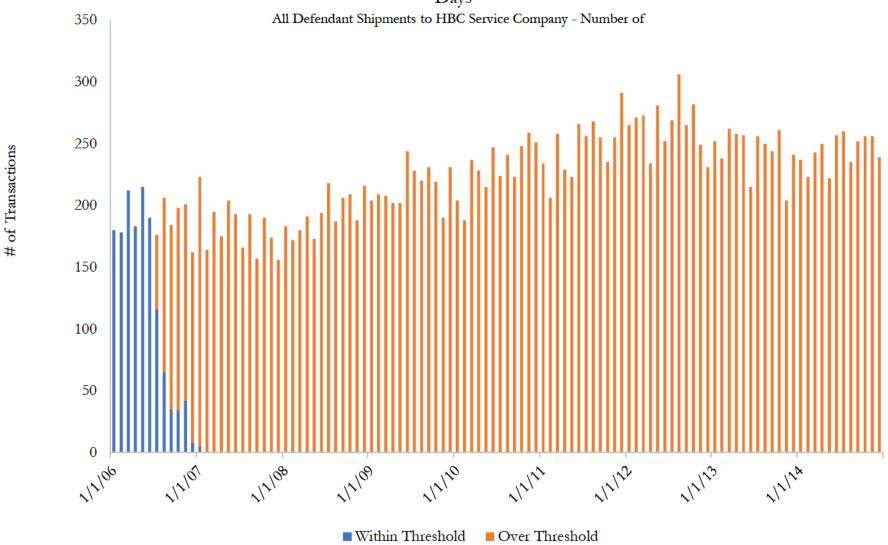
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	22,704	75,332	0	4,312	3,040	460	21	211	0	0	0	0	106,080
Total # of Transactions	24,167	79,359	7,433	4,881	4,296	1,033	661	1,296	251	63	117	0	123,557
Percentage of Total # of Transactions	93.9%	94.9%	0.0%	88.3%	70.8%	44.5%	3.2%	16.3%	0.0%	0.0%	0.0%	0.0%	85.9%
	0.004.000	40.504.000	0	4 225 222	202 500	7 0.400	2 (00	20.200	0		0	0	20 54 050
Flagged Orders - Dosage Units	9,304,380	19,521,930	0	1,235,300	393,700	78,600	2,680	28,380	0	0	0	0	30,564,970
Total Dosage Units	9,762,180	20,392,130	113,728	1,348,200	547,000	158,700	72,940	146,620	28,725	2,712	12,180	0	32,585,115
Percentage of Total Dosage Units	95.3%	95.7%	0.0%	91.6%	72.0%	49.5%	3.7%	19.4%	0.0%	0.0%	0.0%	0.0%	93.8%
Flagged Orders - MME	113,076,361	84,119,699	0	4,635,208	11,768,577	1,509,674	111,066	956,000	0	0	0	0	216,176,585
Total MME	119,907,837	87,883,656	56,918,976	5,064,530	16,547,646	2,550,912	3,037,601	4,797,200	138,155	109,440	57,544	0	297,013,496
Percentage of Total MME	94.3%	95.7%	0.0%	91.5%	71.1%	59.2%	3.7%	19.9%	0.0%	0.0%	0.0%	0.0%	72.8%
Flagged Orders - Calculated Base Weight (g)	75,384	84,120	0	30,901	11,769	377	37	2,390	0	0	0	0	204,978
Total Calculated Base Weight (g)	79,939	87,884	567	33,764	16,548	638	1,013	11,993	1,382	109	230	0	234,065
Percentage of Total Calculated Base Weight (g)	94.3%	95.7%	0.0%	91.5%	71.1%	59.2%	3.7%	19.9%	0.0%	0.0%	0.0%	0.0%	87.6%

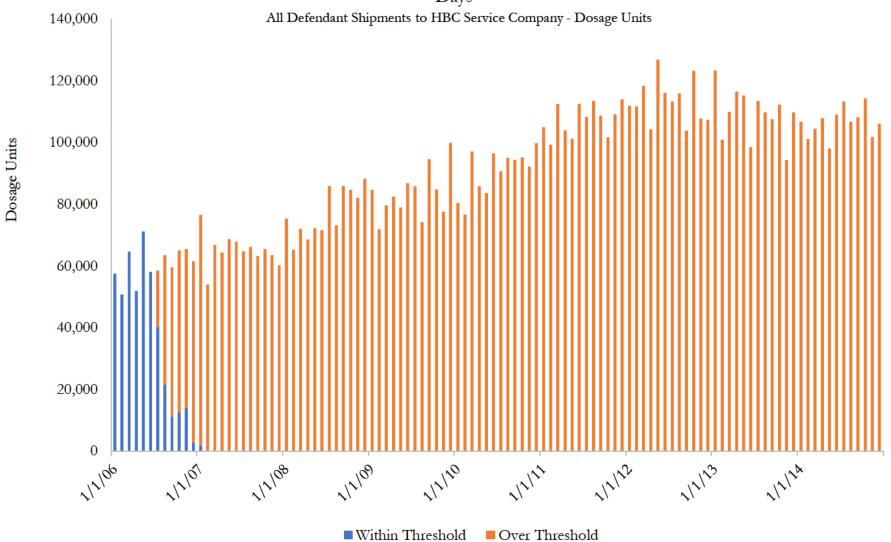
Notes:

Once an order(s) plus the total shipments over the prior 29 days exceeds the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

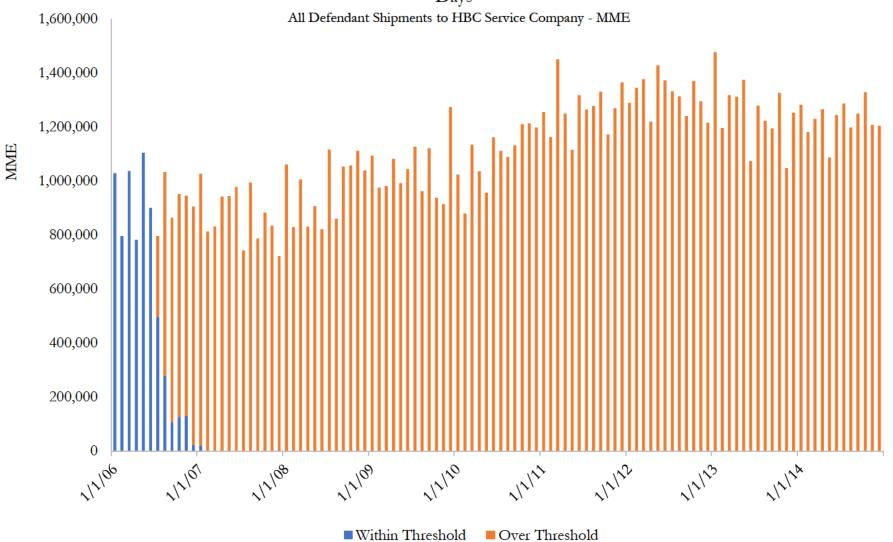
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



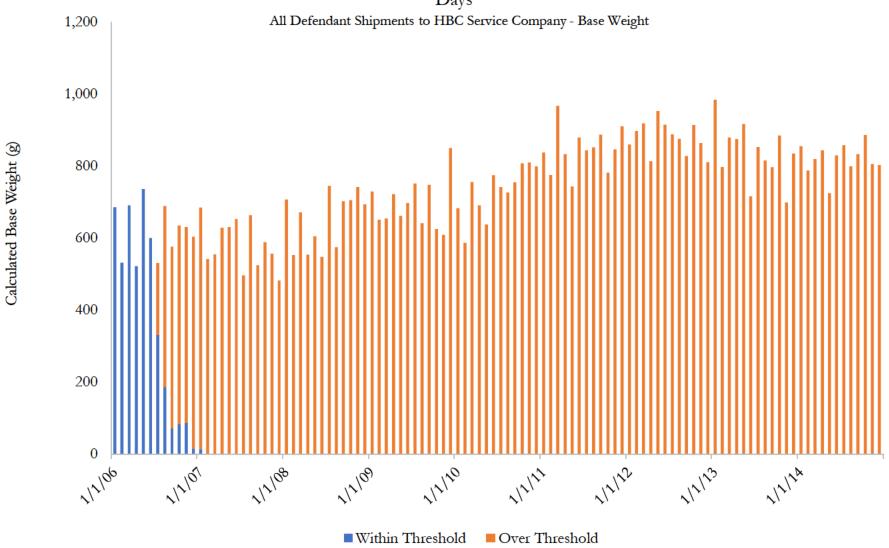
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



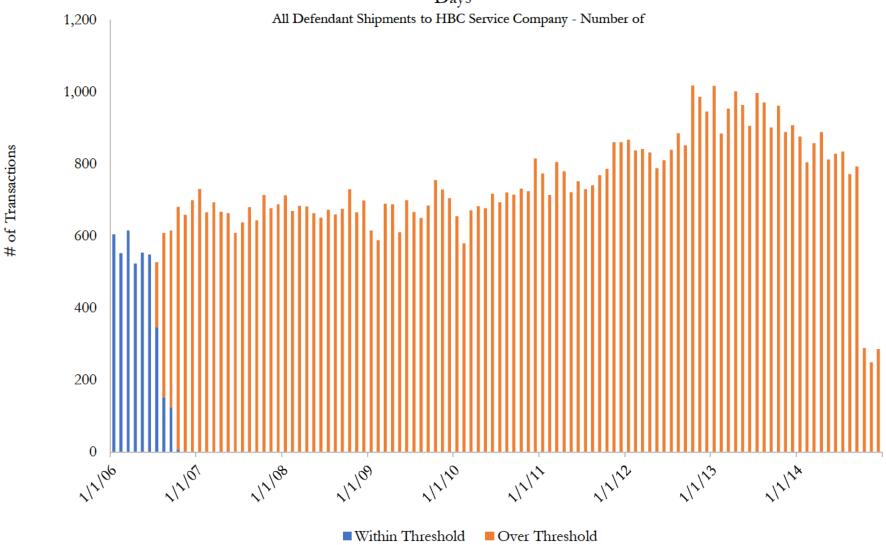
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



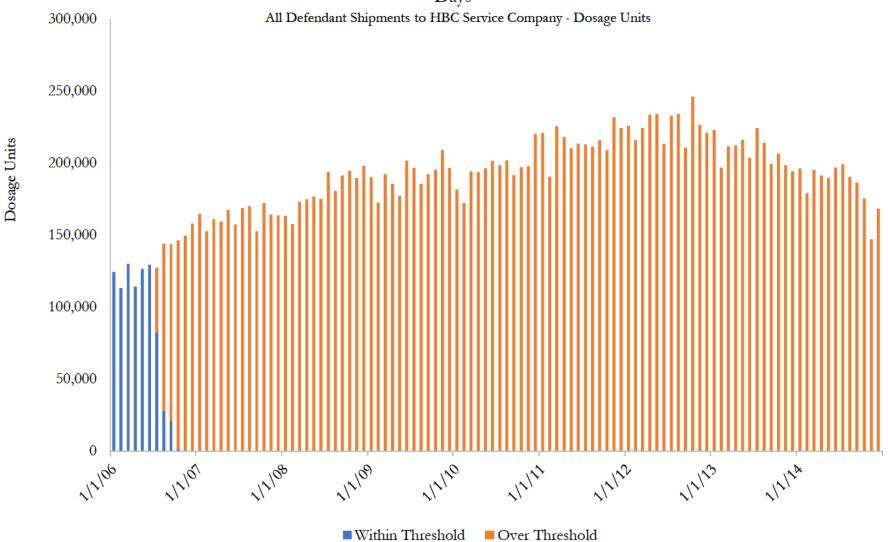
Oxycodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



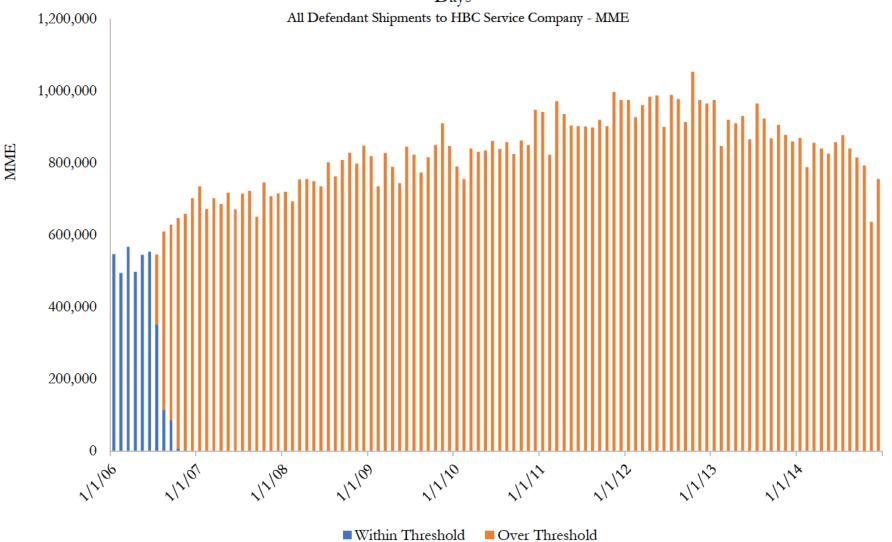
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



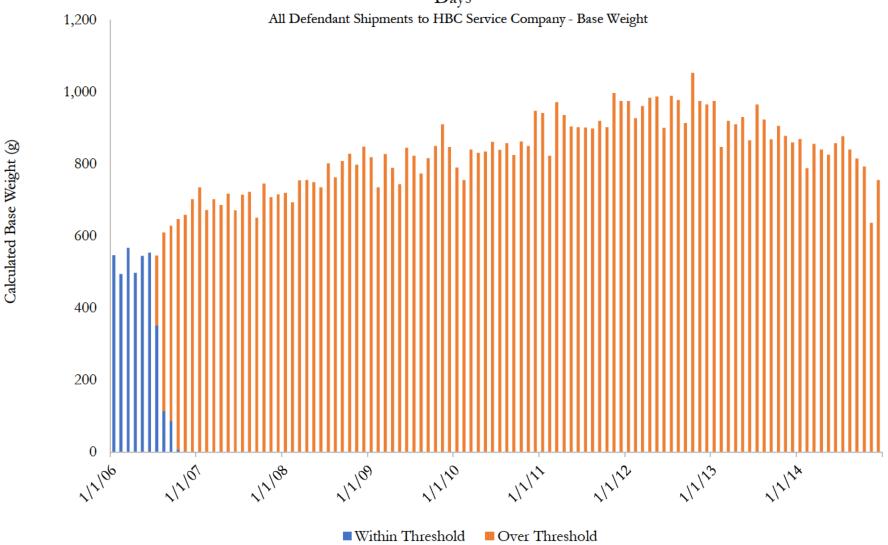
Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Lake County and Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Total Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

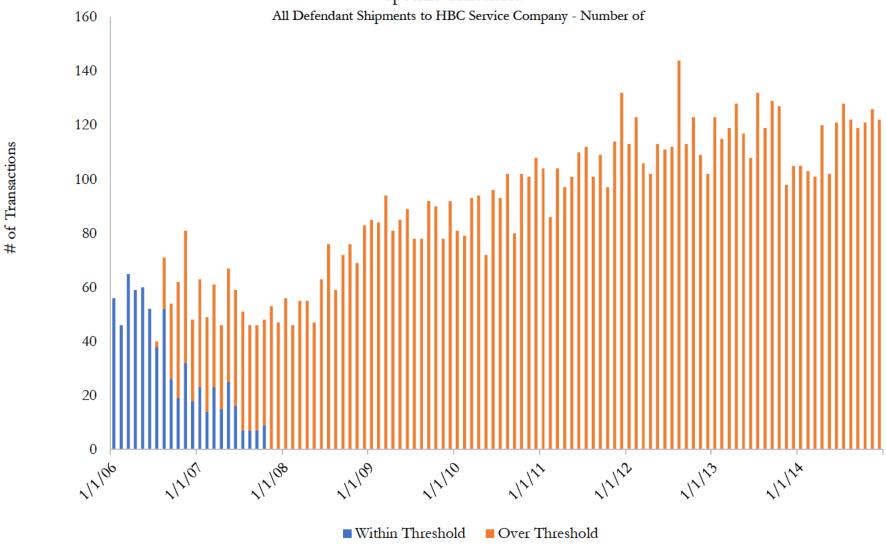
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	8,993	25,528	0	1,317	799	165	0	178	0	0	0	0	36,980
Total # of Transactions	9,662	27,097	2,286	1,504	1,571	605	411	767	92	6	40	0	44,041
Percentage of Total # of Transactions	93.1%	94.2%	0.0%	87.6%	50.9%	27.3%	0.0%	23.2%	0.0%	0.0%	0.0%	0.0%	84.0%
Flagged Orders - Dosage Units	4,479,800	5,780,820	0	498,910	115,800	25,000	0	23,140	0	0	0	0	10,923,470
Total Dosage Units	4,736,500	6,049,320	36,393	563,110	218,400	92,600	46,640	96,540	9,825	84	4,080	0	11,853,492
Percentage of Total Dosage Units	94.6%	95.6%	0.0%	88.6%	53.0%	27.0%	0.0%	24.0%	0.0%	0.0%	0.0%	0.0%	92.2%
Flagged Orders - MME	41,345,184	22,761,033	0	1,836,308	2,549,492	691,874	0	801,600	0	0	0	0	69,985,492
Total MME	43,648,973	23,863,151	15,648,606	2,072,292	4,748,452	1,659,141	1,761,005	2,876,200	45,601	3,600	15,767	0	96,342,789
Percentage of Total MME	94.7%	95.4%	0.0%	88.6%	53.7%	41.7%	0.0%	27.9%	0.0%	0.0%	0.0%	0.0%	72.6%
Flagged Orders - Calculated Base Weight (g)	27,563	22,761	0	12,242	2,549	173	0	2,004	0	0	0	0	67,293
Total Calculated Base Weight (g)	29,099	23,863	155	13,815	4,748	415	587	7,191	456	4	63	0	80,396
Percentage of Total Calculated Base Weight (g)	94.7%	95.4%	0.0%	88.6%	53.7%	41.7%	0.0%	27.9%	0.0%	0.0%	0.0%	0.0%	83.7%

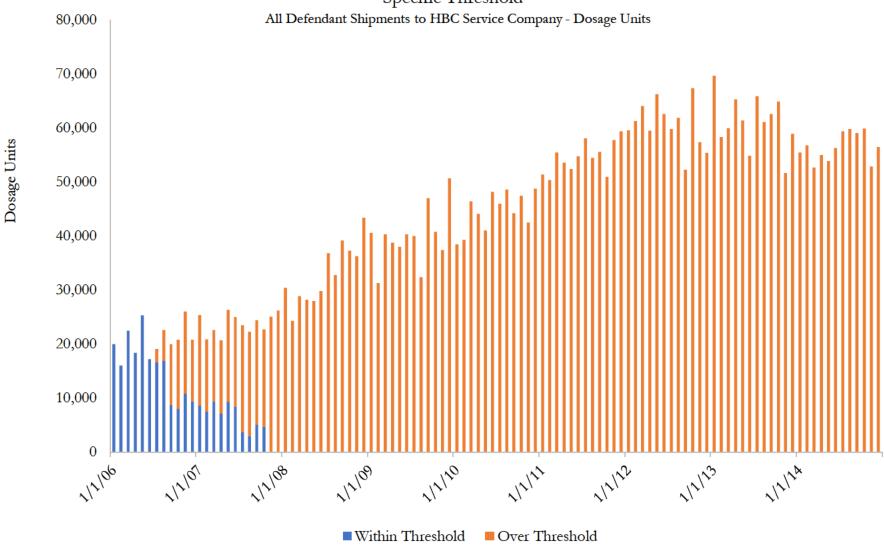
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

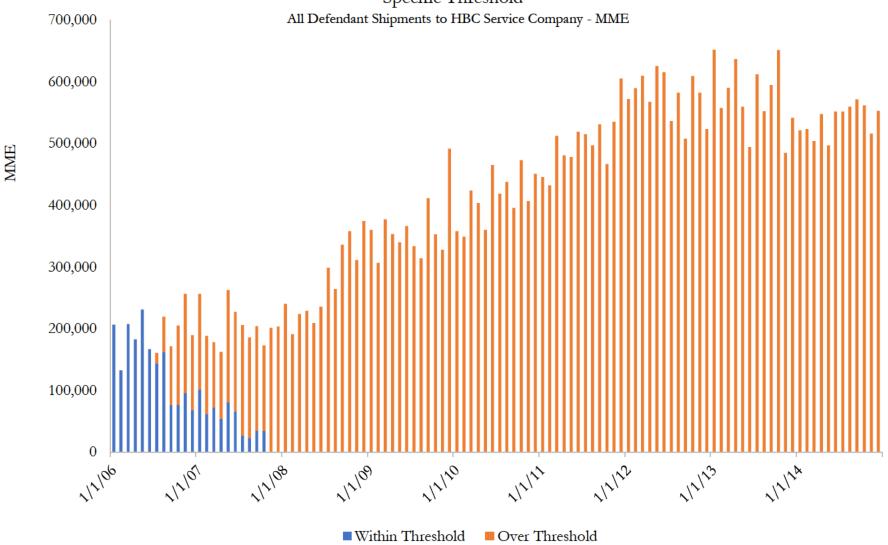
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



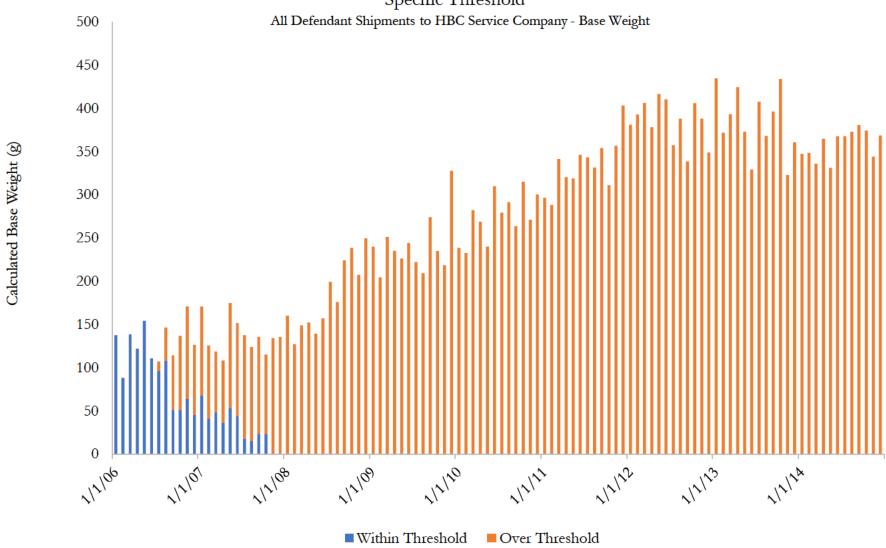
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



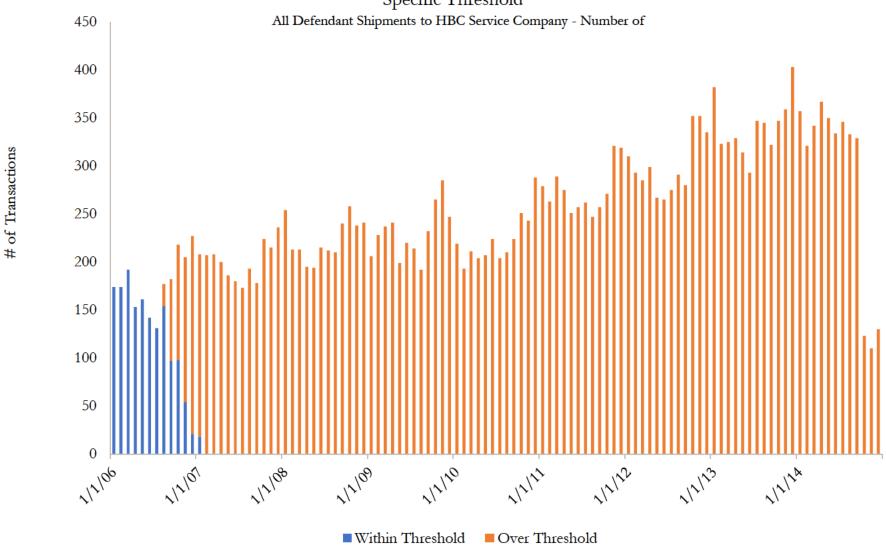
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



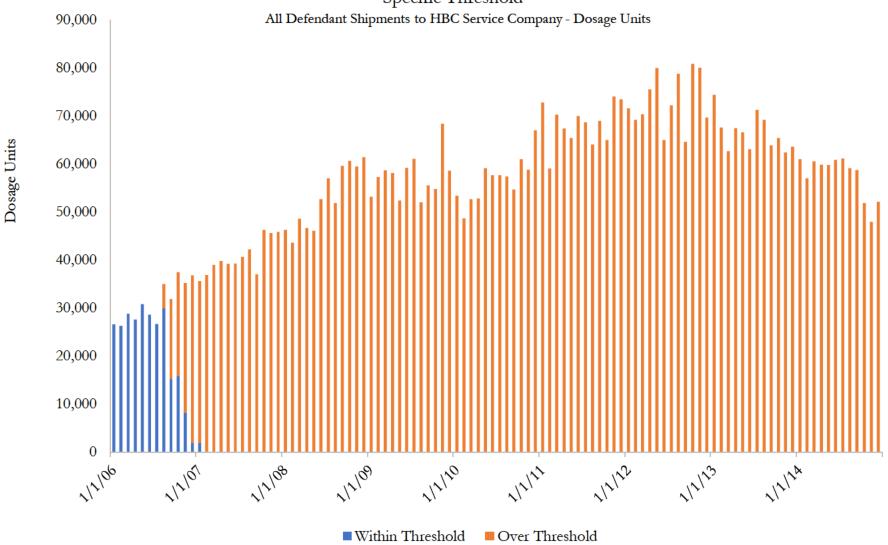
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



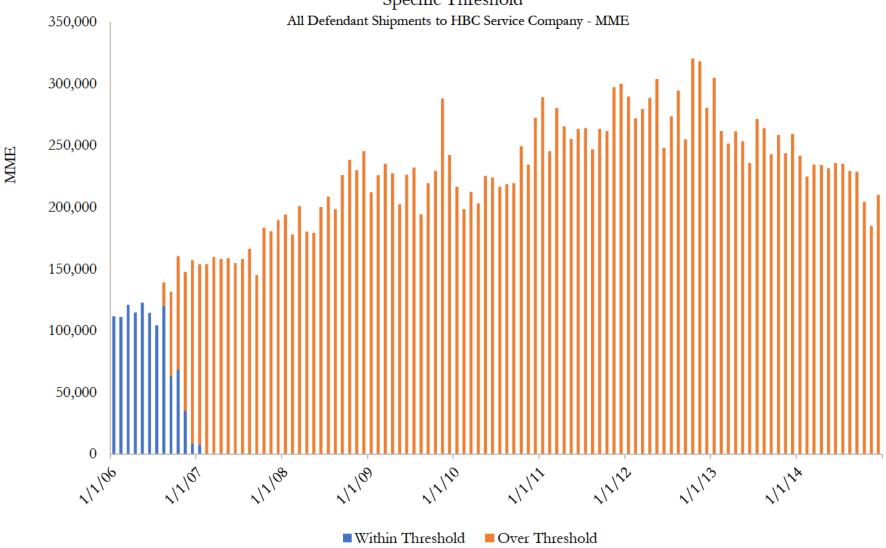
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



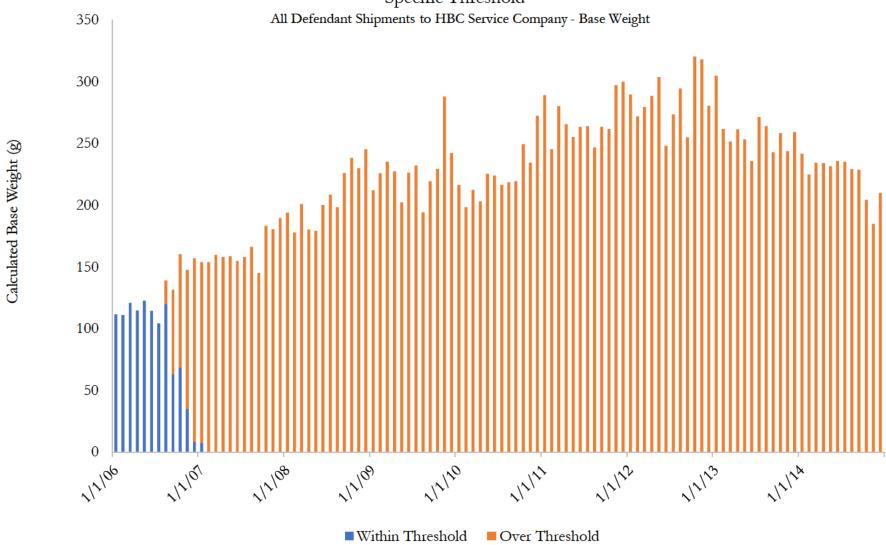
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Total Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

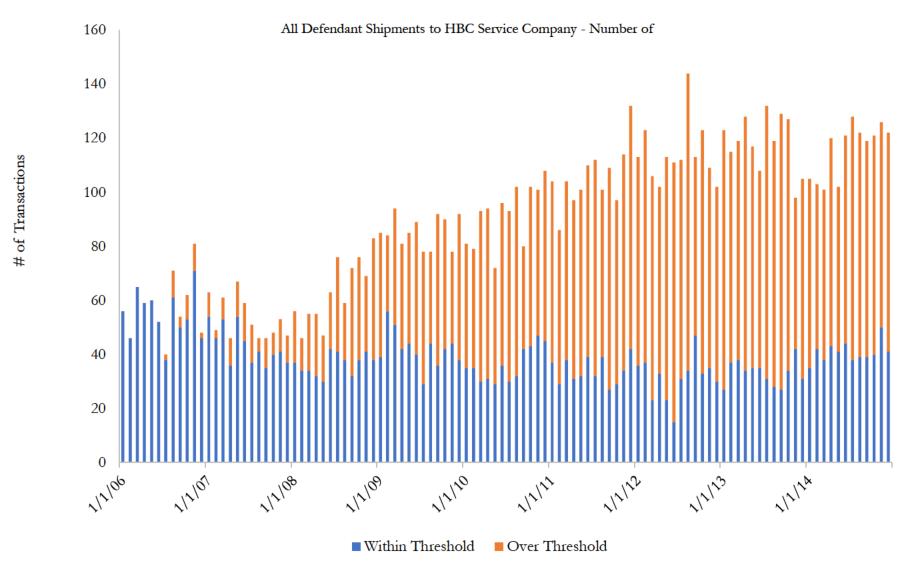
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	5,434	11,901	0	295	83	10	0	12	0	0	0	0	17,735
Total # of Transactions	9,662	27,097	2,286	1,504	1,571	605	411	767	92	6	40	0	44,041
Percentage of Total # of Transactions	56.2%	43.9%	0.0%	19.6%	5.3%	1.7%	0.0%	1.6%	0.0%	0.0%	0.0%	0.0%	40.3%
Flagged Orders - Dosage Units	2,784,600	2,765,530	0	134,810	15,700	1,500	0	2,400	0	0	0	0	5,704,540
Total Dosage Units	4,736,500	6,049,320	36,393	563,110	218,400	92,600	46,640	96,540	9,825	84	4,080	0	11,853,492
Percentage of Total Dosage Units	58.8%	45.7%	0.0%	23.9%	7.2%	1.6%	0.0%	2.5%	0.0%	0.0%	0.0%	0.0%	48.1%
Flagged Orders - MME	26,175,916	10,856,123	0	498,727	329,677	33,854	0	53,000	0	0	0	0	37,947,297
Total MME	43,648,973	23,863,151	15,648,606	2,072,292	4,748,452	1,659,141	1,761,005	2,876,200	45,601	3,600	15,767	0	96,342,789
Percentage of Total MME	60.0%	45.5%	0.0%	24.1%	6.9%	2.0%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%	39.4%
Flagged Orders - Calculated Base Weight (g)	17,451	10,856	0	3,325	330	8	0	133	0	0	0	0	32,102
Total Calculated Base Weight (g)	29,099	23,863	155	13,815	4,748	415	587	7,191	456	4	63	0	80,396
Percentage of Total Calculated Base Weight (g)	60.0%	45.5%	0.0%	24.1%	6.9%	2.0%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%	39.9%

Notes:

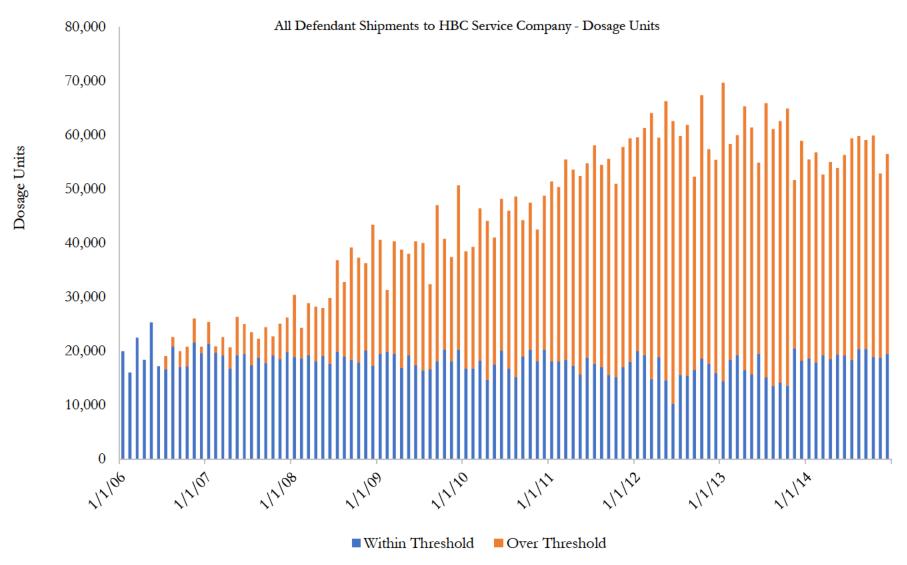
Once an order(s) exceeds the largest total order of any of the previous six months all subsequent monthly threshold is fixed. All monthly order(s) exceeding this threshold is considered suspicious. This method assumes no due diligence on the suspicious order(s), but it is cleared and shipped.

Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

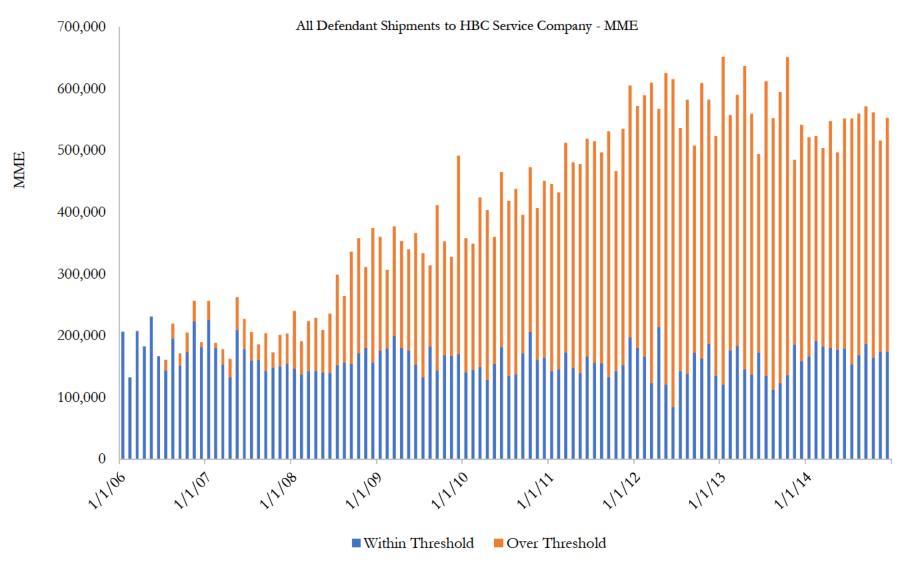


Lake County, OH 2006-2014

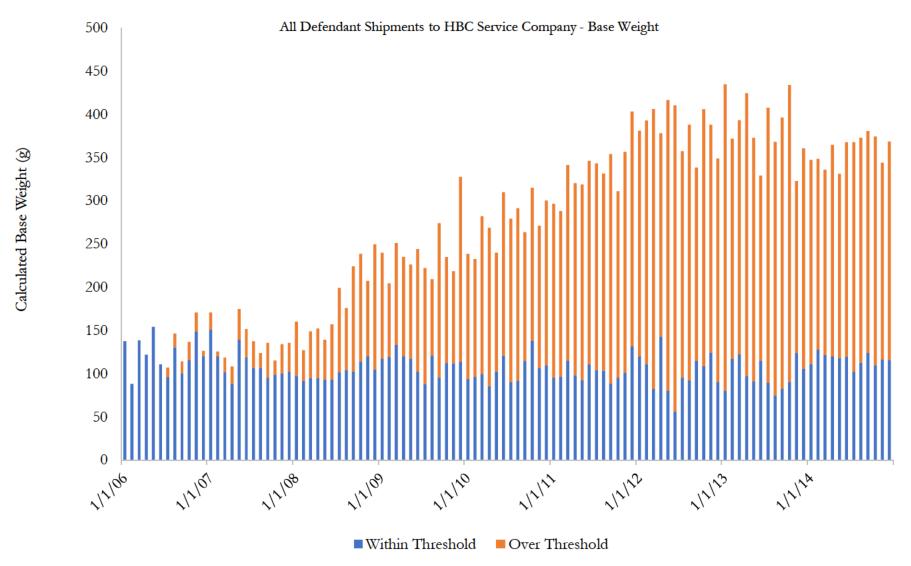
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



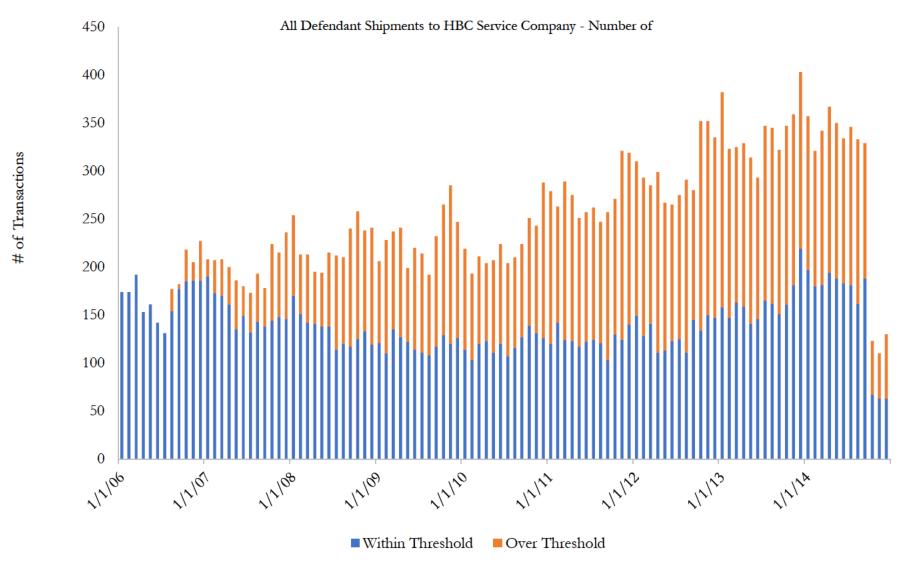
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

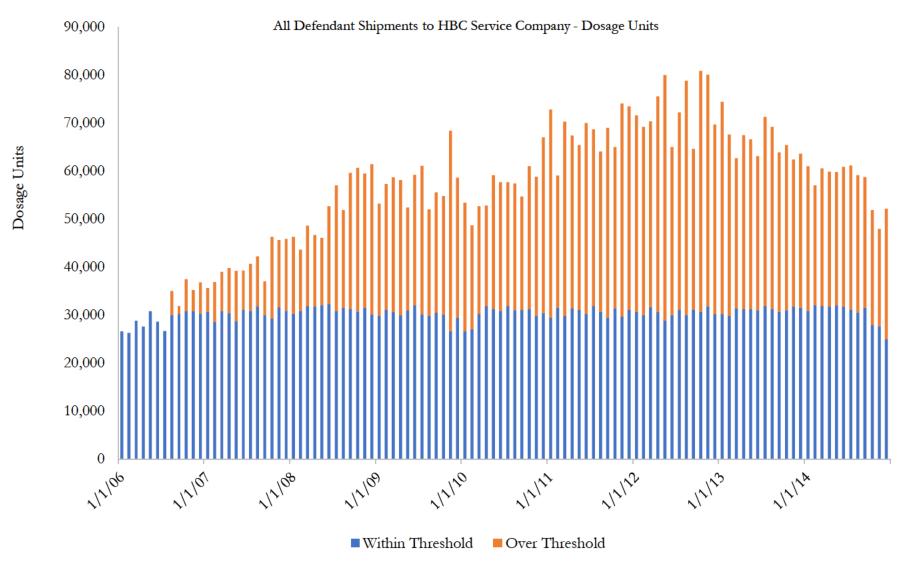


Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



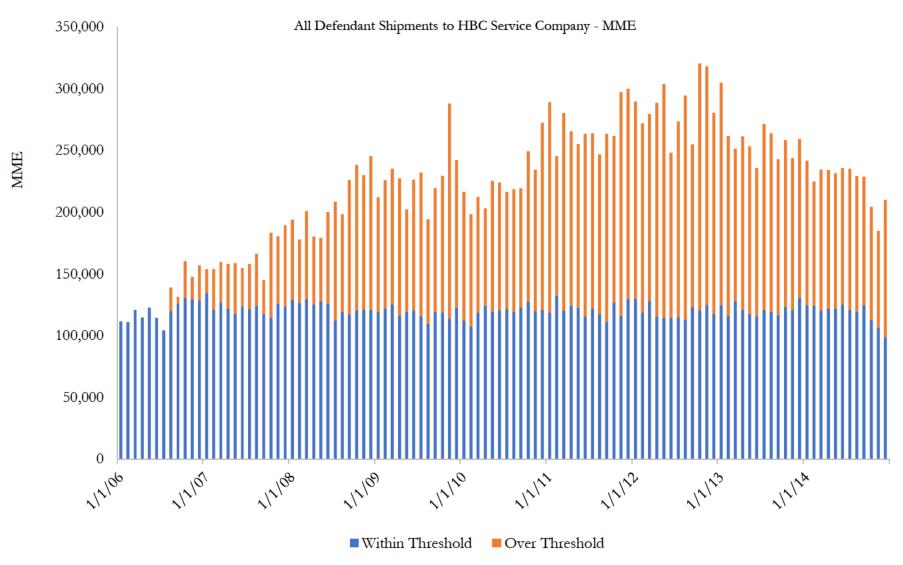
Lake County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

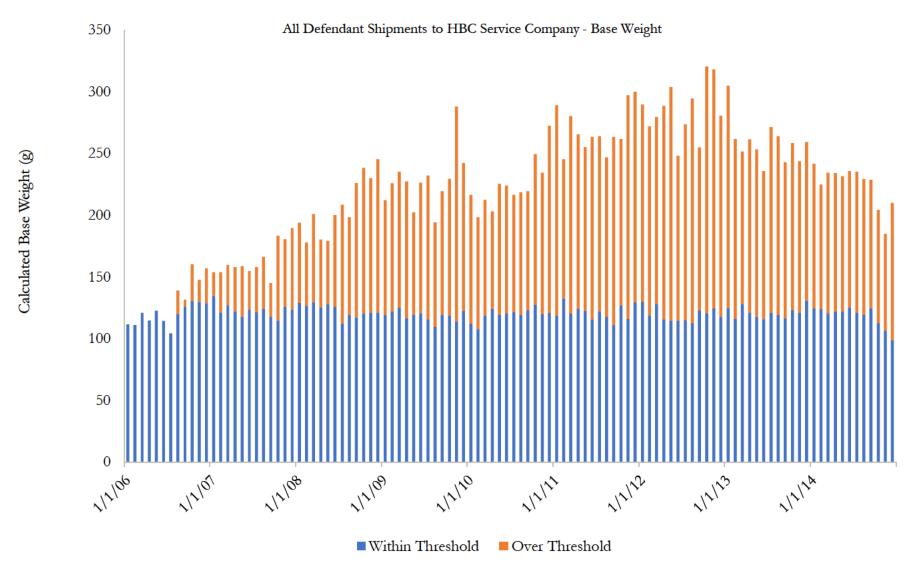


Lake County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Total Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

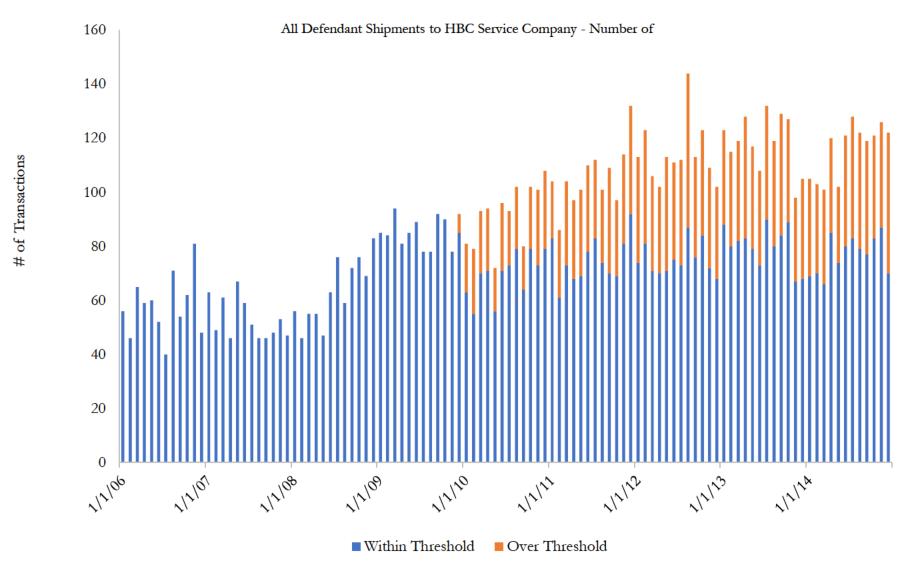
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	2,034	0	573	788	604	378	349	679	0	0	11	0	5,416
Total # of Transactions	9,662	27,097	2,286	1,504	1,571	605	411	767	92	6	40	0	44,041
Percentage of Total # of Transactions	21.1%	0.0%	25.1%	52.4%	38.4%	62.5%	84.9%	88.5%	0.0%	0.0%	27.5%	0.0%	12.3%
Flagged Orders - Dosage Units	1,023,000	0	10,464	331,510	90,600	60,600	39,040	86,000	0	0	1,100	0	1,642,314
Total Dosage Units	4,736,500	6,049,320	36,393	563,110	218,400	92,600	46,640	96,540	9,825	84	4,080	0	11,853,492
Percentage of Total Dosage Units	21.6%	0.0%	28.8%	58.9%	41.5%	65.4%	83.7%	89.1%	0.0%	0.0%	27.0%	0.0%	13.9%
Flagged Orders - MME	11,327,054	0	3,826,060	1,217,844	1,949,563	1,208,230	1,575,672	2,619,400	0	0	4,006	0	23,727,827
Total MME	43,648,973	23,863,151	15,648,606	2,072,292	4,748,452	1,659,141	1,761,005	2,876,200	45,601	3,600	15,767	0	96,342,789
Percentage of Total MME	26.0%	0.0%	24.4%	58.8%	41.1%	72.8%	89.5%	91.1%	0.0%	0.0%	25.4%	0.0%	24.6%
Flagged Orders - Calculated Base Weight (g)	7,551	0	38	8,119	1,950	302	525	6,549	0	0	16	0	25,049
Total Calculated Base Weight (g)	29,099	23,863	155	13,815	4,748	415	587	7,191	456	4	63	0	80,396
Percentage of Total Calculated Base Weight (g)	26.0%	0.0%	24.3%	58.8%	41.1%	72.8%	89.5%	91.1%	0.0%	0.0%	25.4%	0.0%	31.2%

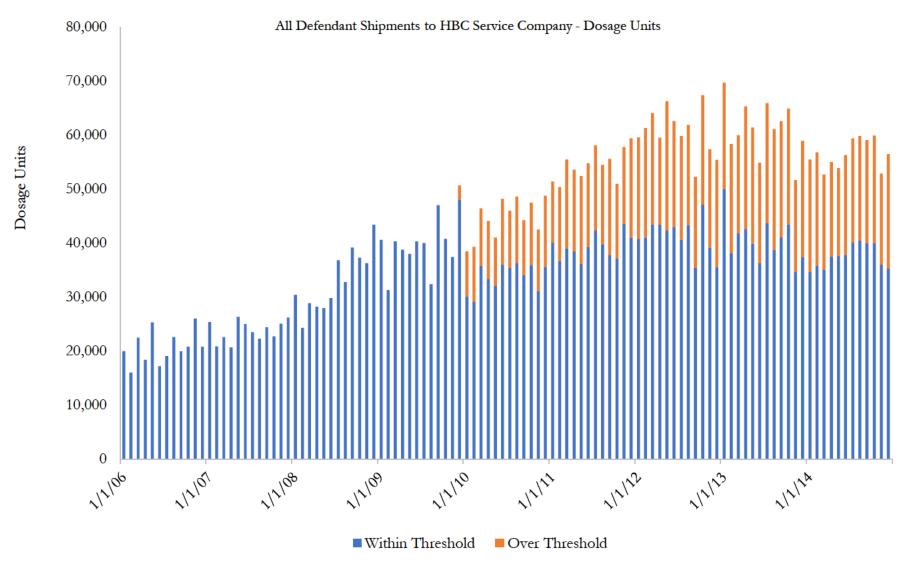
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

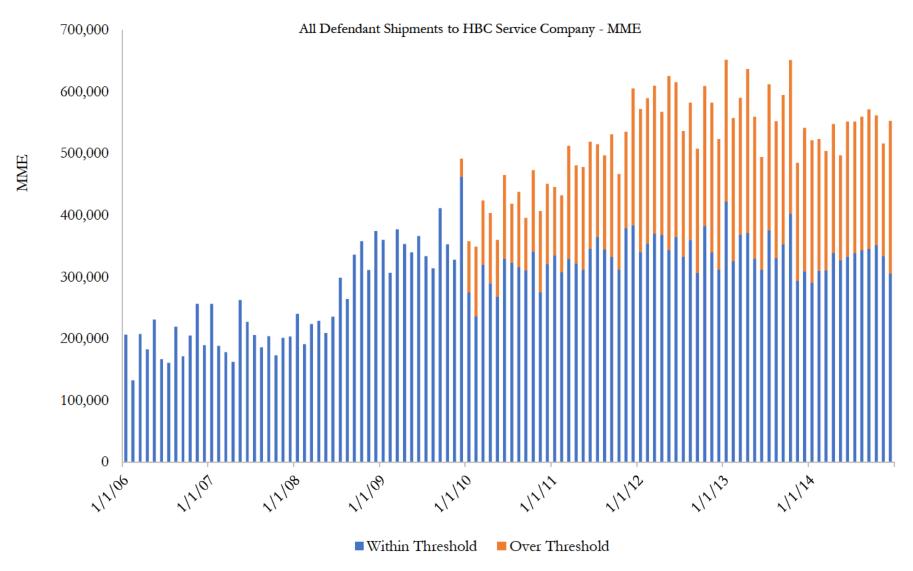
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



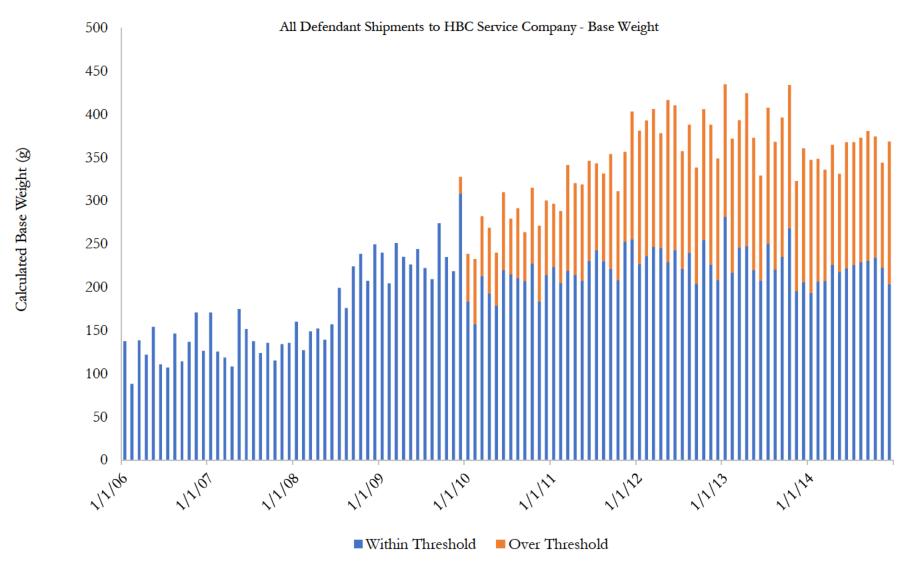
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



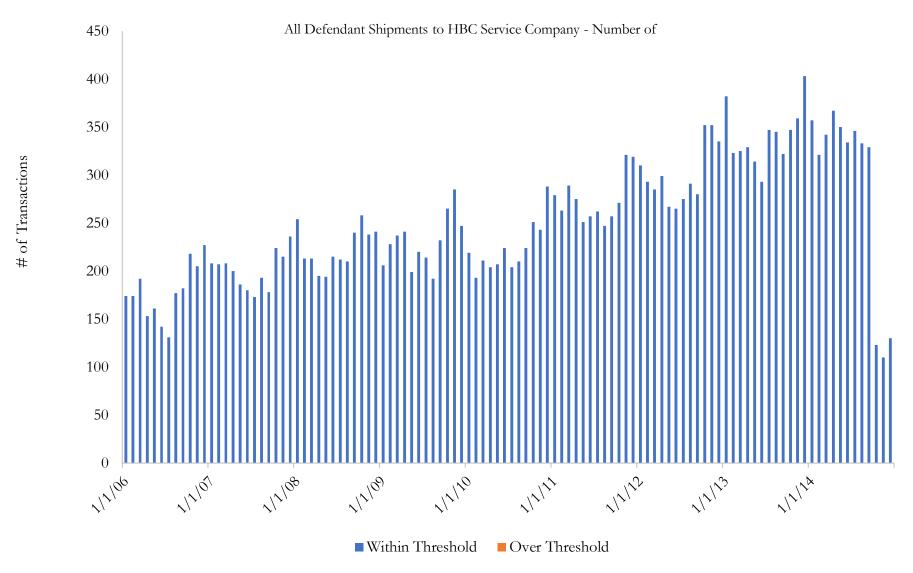
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



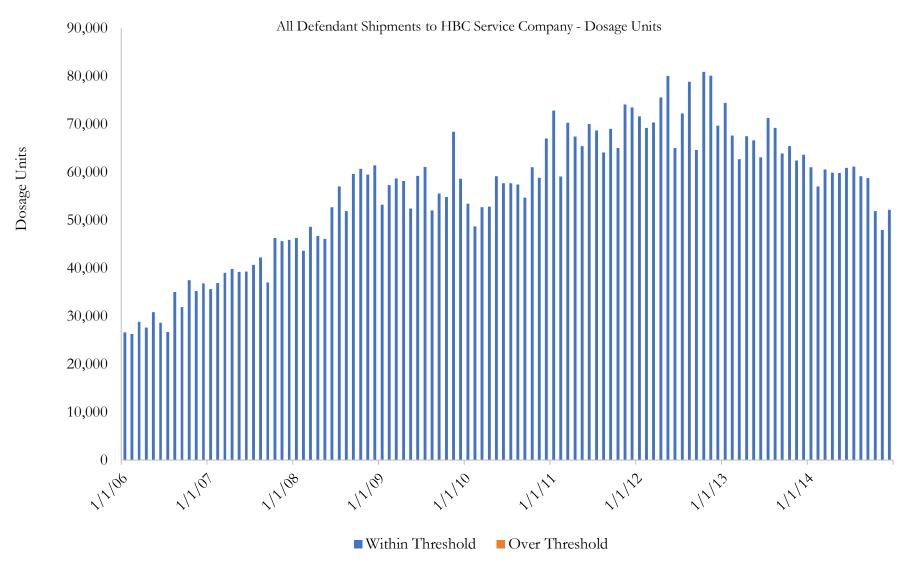
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



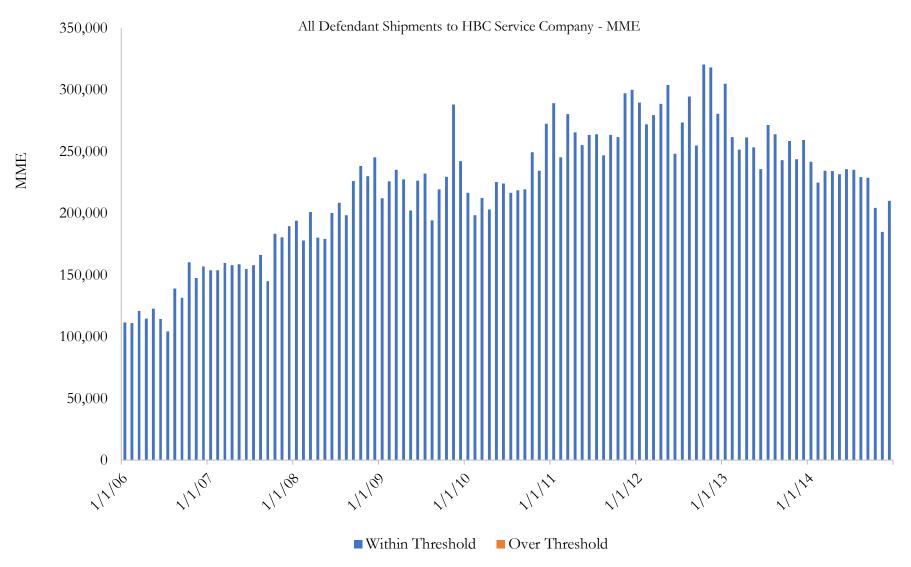
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



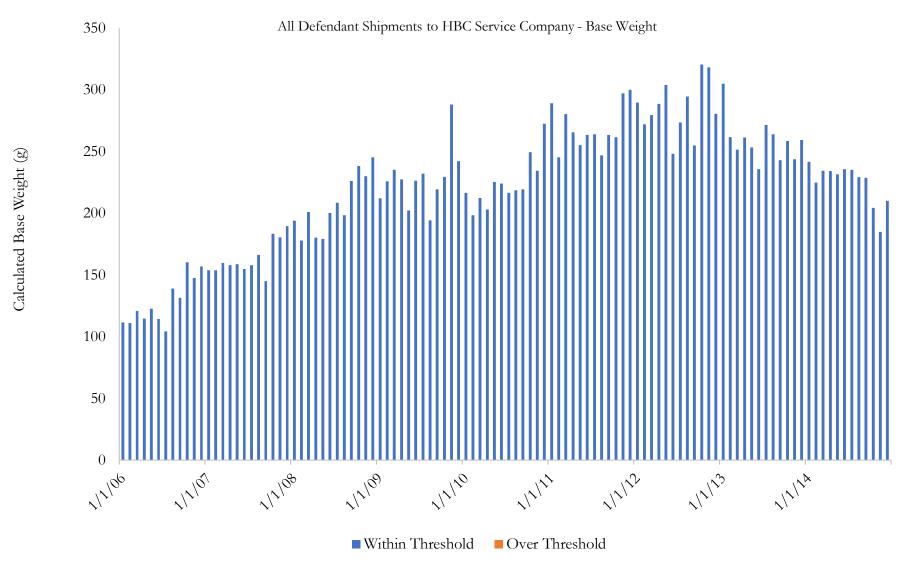
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units

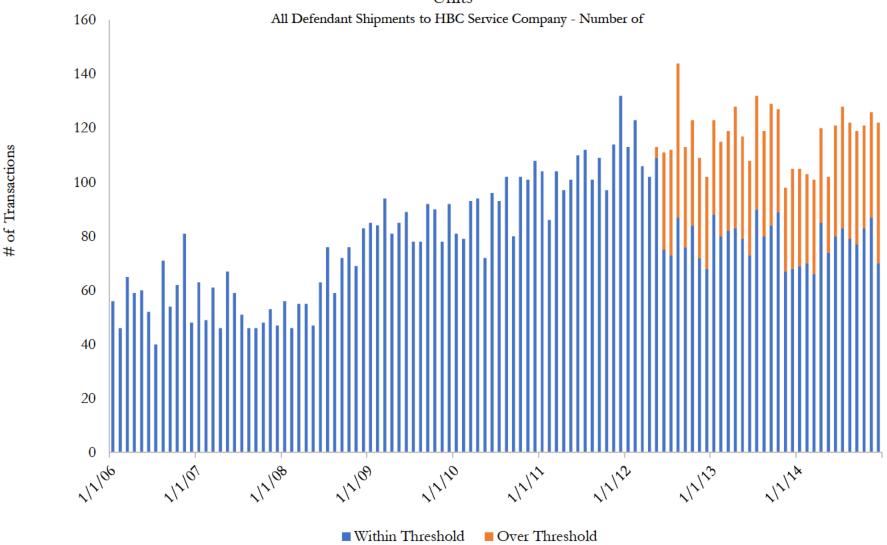
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	1,207	0	437	7	161	165	46	456	0	0	0	0	2,479
Total # of Transactions	9,662	27,097	2,286	1,504	1,571	605	411	767	92	6	40	0	44,041
Percentage of Total # of Transactions	12.5%	0.0%	19.1%	0.5%	10.2%	27.3%	11.2%	59.5%	0.0%	0.0%	0.0%	0.0%	5.6%
Flagged Orders - Dosage Units	610,600	0	8,629	3,600	22,900	25,000	4,660	60,340	0	0	0	0	735,729
Total Dosage Units	4,736,500	6,049,320	36,393	563,110	218,400	92,600	46,640	96,540	9,825	84	4,080	0	11,853,492
Percentage of Total Dosage Units	12.9%	0.0%	23.7%	0.6%	10.5%	27.0%	10.0%	62.5%	0.0%	0.0%	0.0%	0.0%	6.2%
Flagged Orders - MME	6,851,793	0	3,047,890	13,924	409,690	691,874	220,393	1,834,200	0	0	0	0	13,069,764
Total MME	43,648,973	23,863,151	15,648,606	2,072,292	4,748,452	1,659,141	1,761,005	2,876,200	45,601	3,600	15,767	0	96,342,789
Percentage of Total MME	15.7%	0.0%	19.5%	0.7%	8.6%	41.7%	12.5%	63.8%	0.0%	0.0%	0.0%	0.0%	13.6%
Flagged Orders - Calculated Base Weight (g)	4,568	0	30	93	410	173	73	4,586	0	0	0	0	9,932
Total Calculated Base Weight (g)	29,099	23,863	155	13,815	4,748	415	587	7,191	456	4	63	0	80,396
Percentage of Total Calculated Base Weight (g)	15.7%	0.0%	19.3%	0.7%	8.6%	41.7%	12.5%	63.8%	0.0%	0.0%	0.0%	0.0%	12.4%

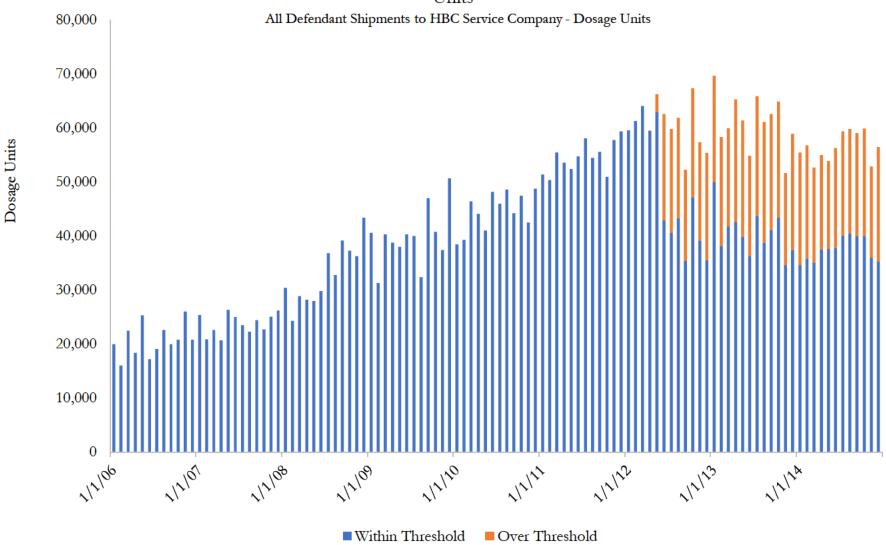
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

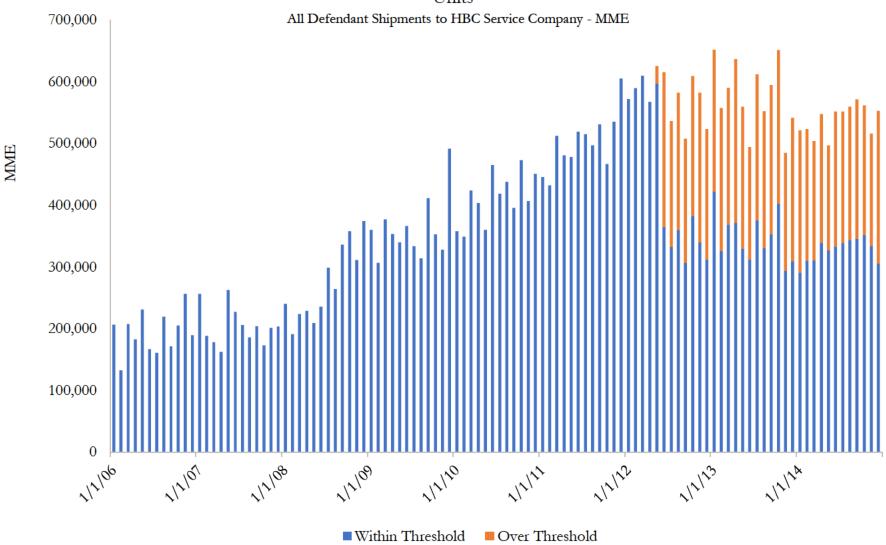
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



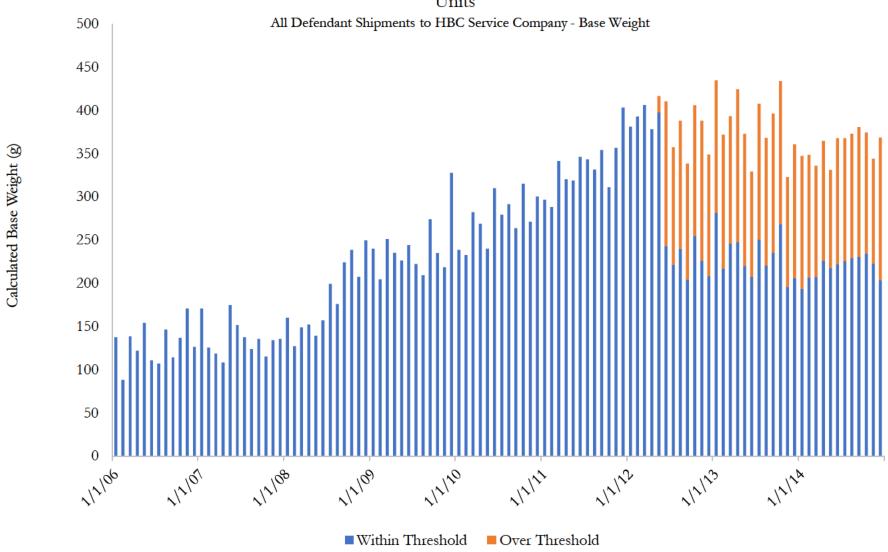
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



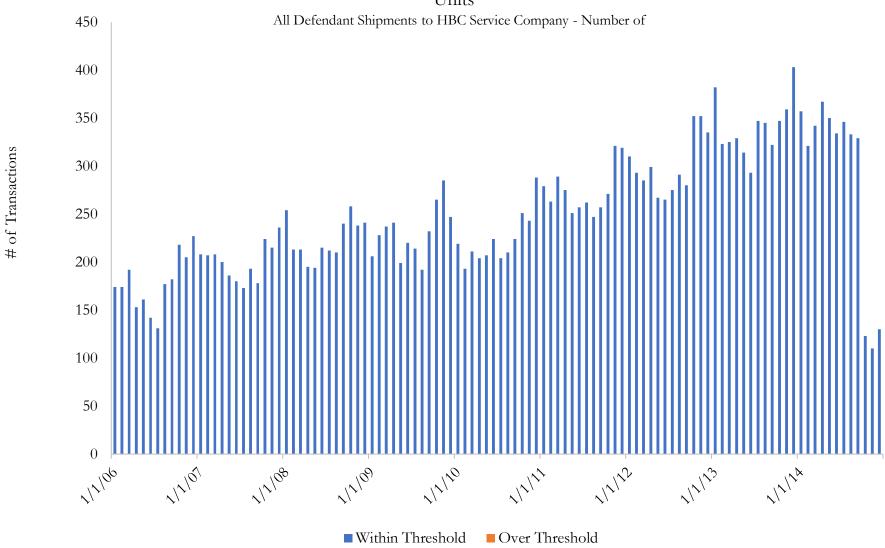
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



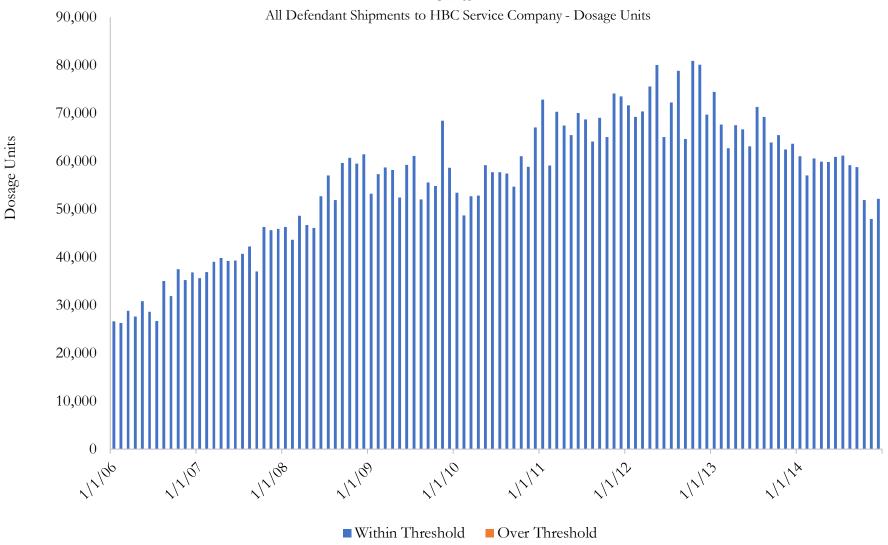
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



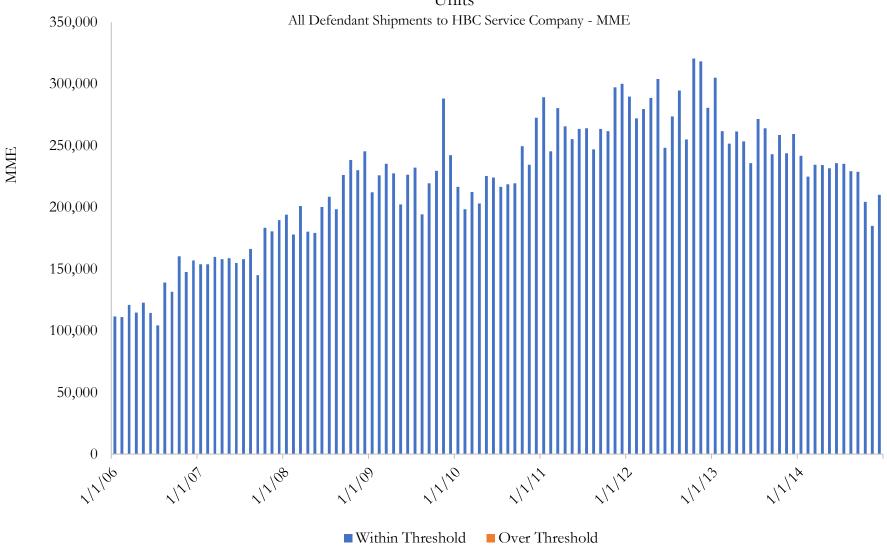
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



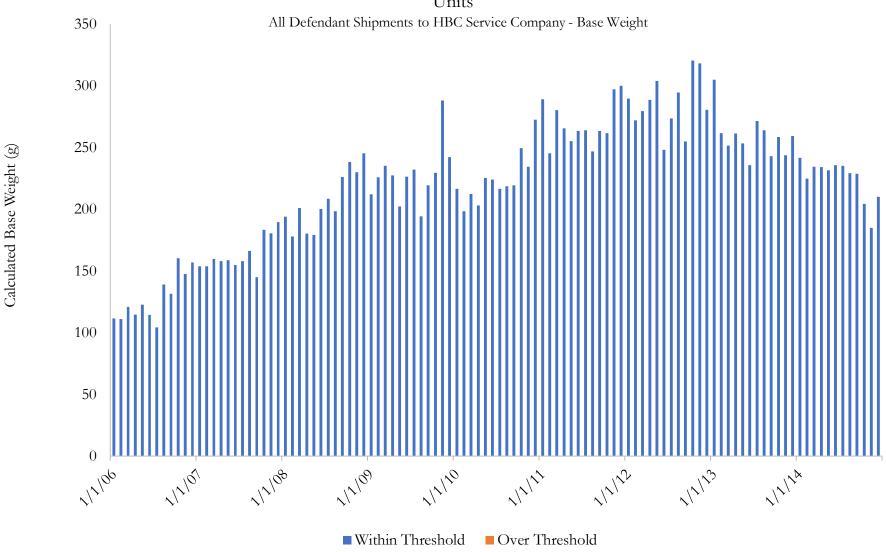
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly

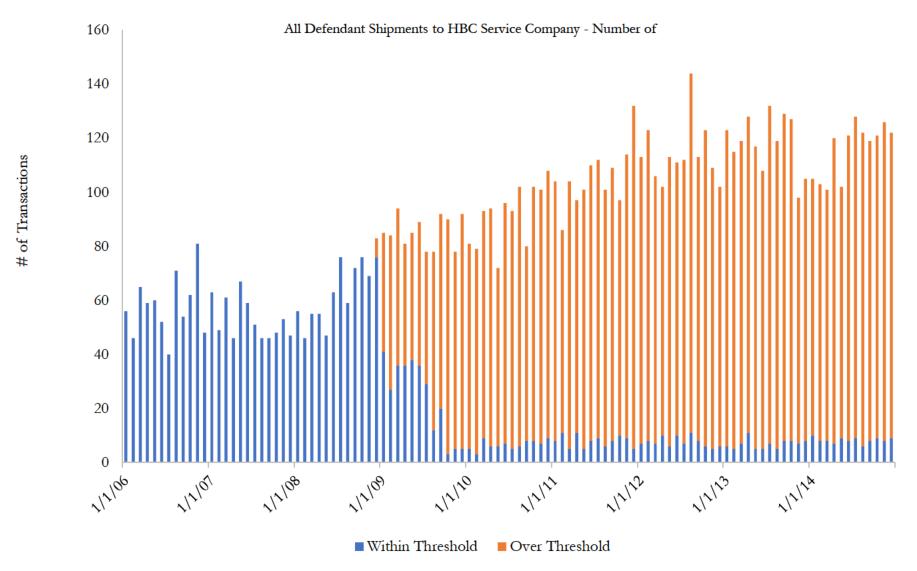
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	6,848	20,947	0	0	0	0	0	0	0	0	0	0	27,795
Total # of Transactions	9,662	27,097	2,286	1,504	1,571	605	411	767	92	6	40	0	44,041
Percentage of Total # of Transactions	70.9%	77.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	63.1%
Flagged Orders - Dosage Units	3,403,600	4,953,700	0	0	0	0	0	0	0	0	0	0	8,357,300
Total Dosage Units	4,736,500	6,049,320	36,393	563,110	218,400	92,600	46,640	96,540	9,825	84	4,080	0	11,853,492
Percentage of Total Dosage Units	71.9%	81.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	70.5%
Flagged Orders - MME	32,487,973	19,460,645	0	0	0	0	0	0	0	0	0	0	51,948,618
Total MME	43,648,973	23,863,151	15,648,606	2,072,292	4,748,452	1,659,141	1,761,005	2,876,200	45,601	3,600	15,767	0	96,342,789
Percentage of Total MME	74.4%	81.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	53.9%
Flagged Orders - Calculated Base Weight (g)	21,659	19,461	0	0	0	0	0	0	0	0	0	0	41,119
Total Calculated Base Weight (g)	29,099	23,863	155	13,815	4,748	415	587	7,191	456	4	63	0	80,396
Percentage of Total Calculated Base Weight (g)	74.4%	81.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	51.1%

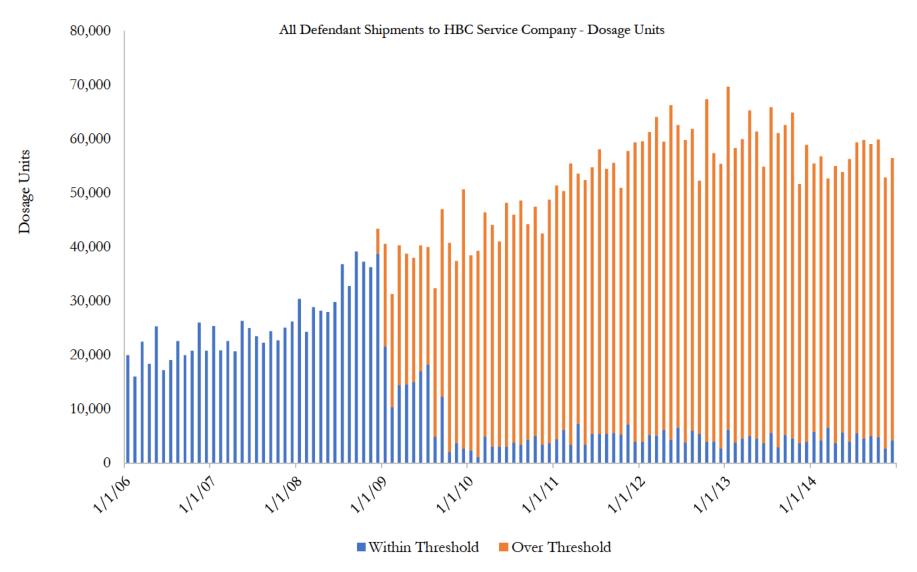
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

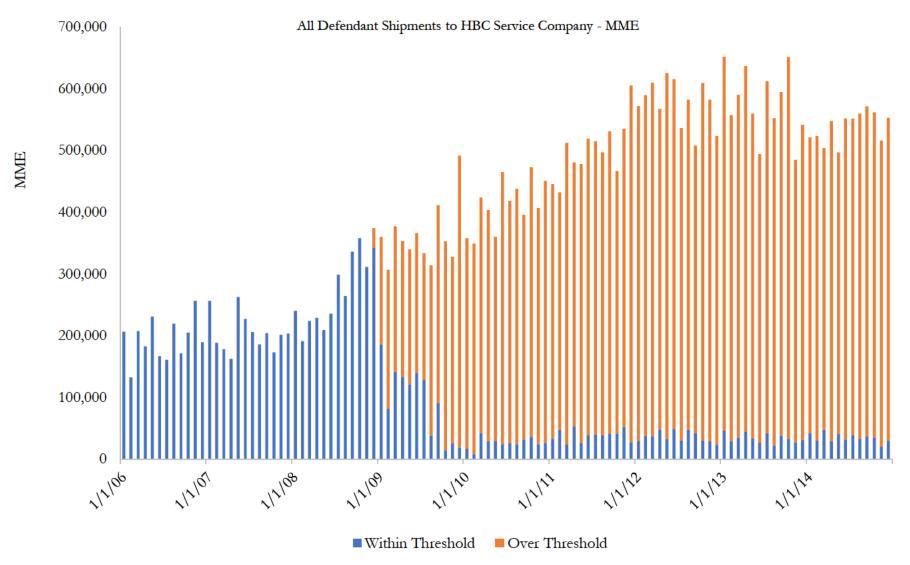
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



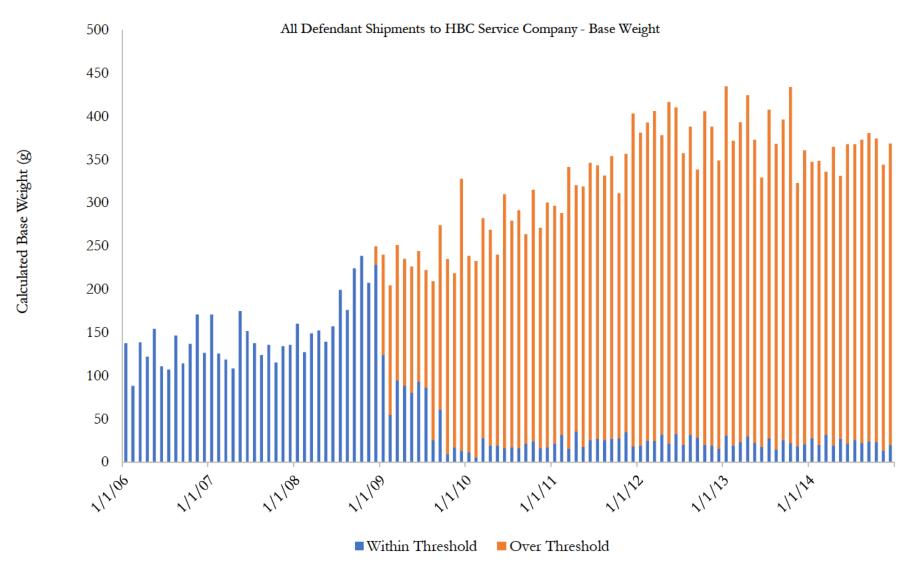
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly

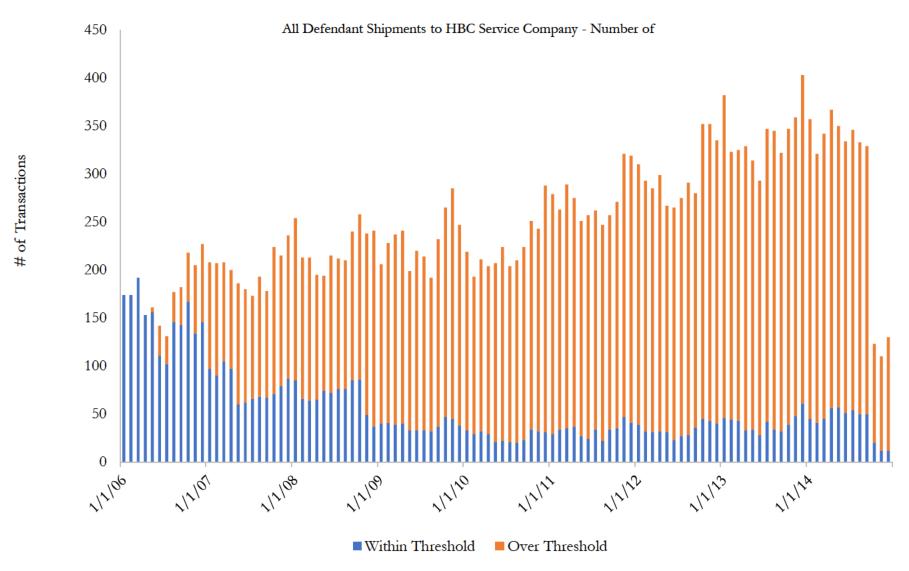


Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



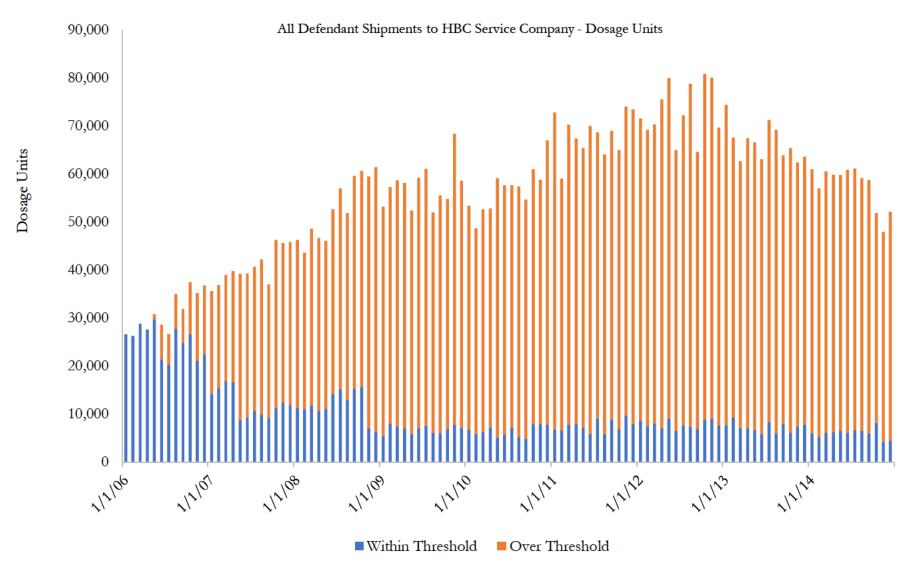
Lake County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



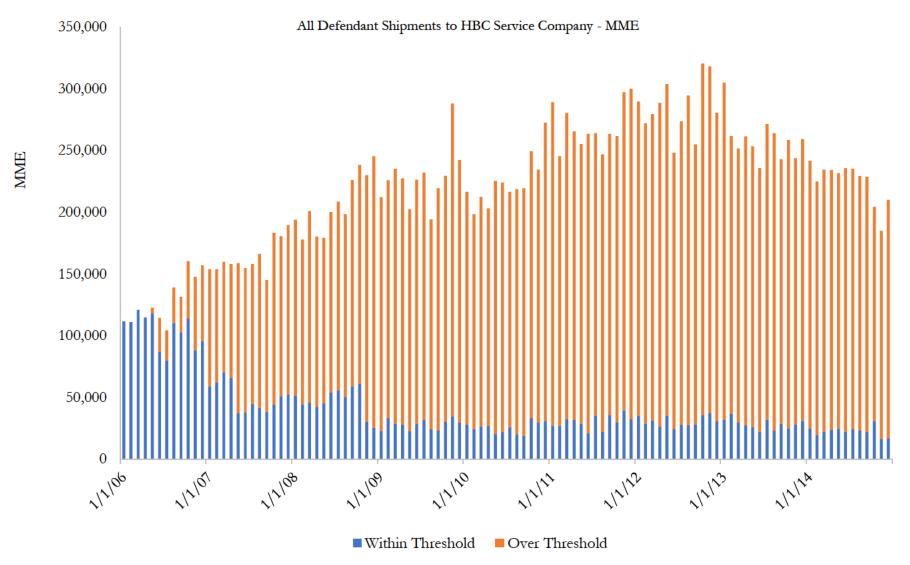
Lake County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



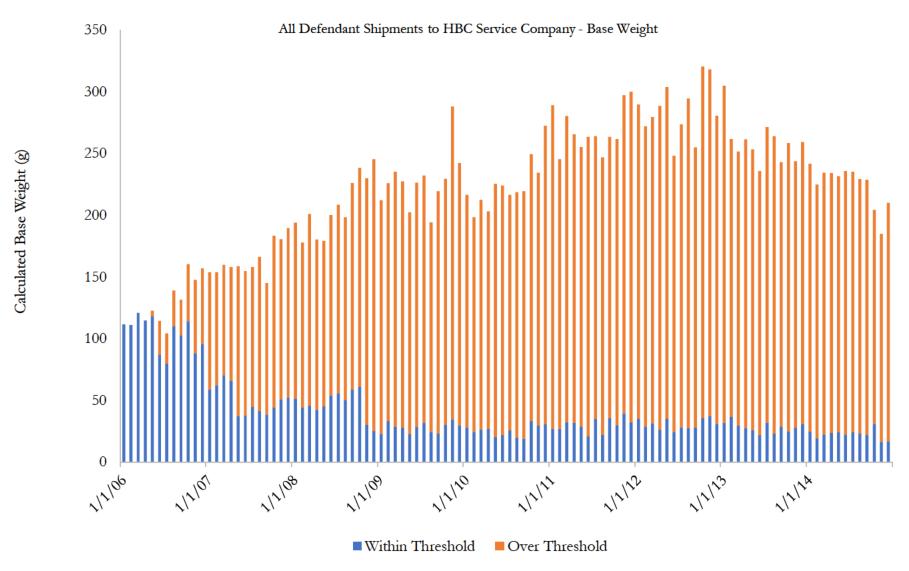
Lake County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Lake County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Total Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units

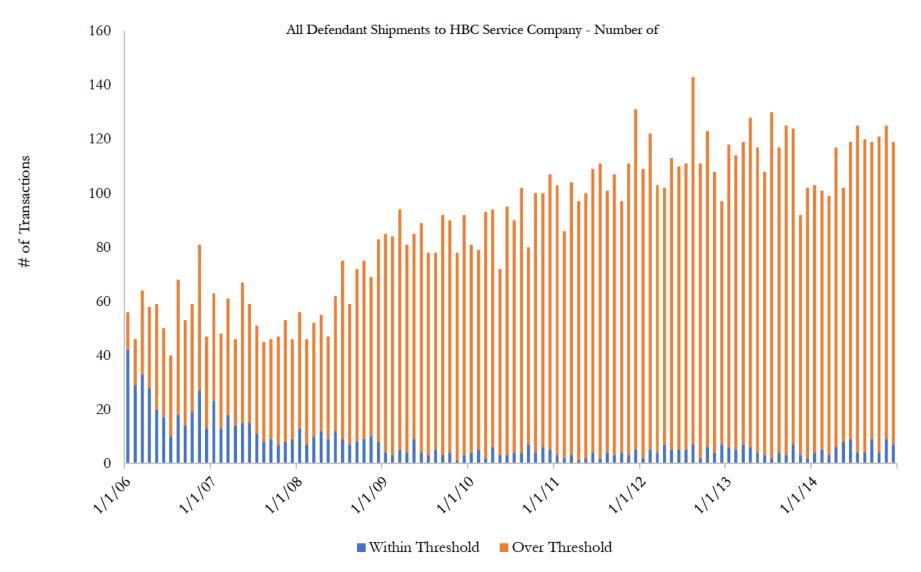
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	8,702	25,805	0	8	723	296	0	0	0	0	0	0	35,534
Total # of Transactions	9,556	27,097	0	1,501	1,571	605	0	0	92	0	0	0	40,422
Percentage of Total # of Transactions	91.1%	95.2%	0.0%	0.5%	46.0%	48.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	87.9%
Flagged Orders - Dosage Units	4,580,600	5,884,320	0	5,600	106,000	45,400	0	0	0	0	0	0	10,621,920
Total Dosage Units	4,736,500	6,049,320	0	562,810	218,400	92,600	0	0	9,825	0	0	0	11,669,455
Percentage of Total Dosage Units	96.7%	97.3%	0.0%	1.0%	48.5%	49.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	91.0%
Flagged Orders - MME	41,293,326	23,176,813	0	20,554	2,272,717	978,423	0	0	0	0	0	0	67,741,834
Total MME	43,568,557	23,863,151	0	2,071,960	4,748,452	1,659,141	0	0	45,601	0	0	0	75,956,864
Percentage of Total MME	94.8%	97.1%	0.0%	1.0%	47.9%	59.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	89.2%
Flagged Orders - Calculated Base Weight (g)	27,529	23,177	0	137	2,273	245	0	0	0	0	0	0	53,360
Total Calculated Base Weight (g)	29,046	23,863	0	13,813	4,748	415	0	0	456	0	0	0	72,341
Percentage of Total Calculated Base Weight (g)	94.8%	97.1%	0.0%	1.0%	47.9%	59.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	73.8%

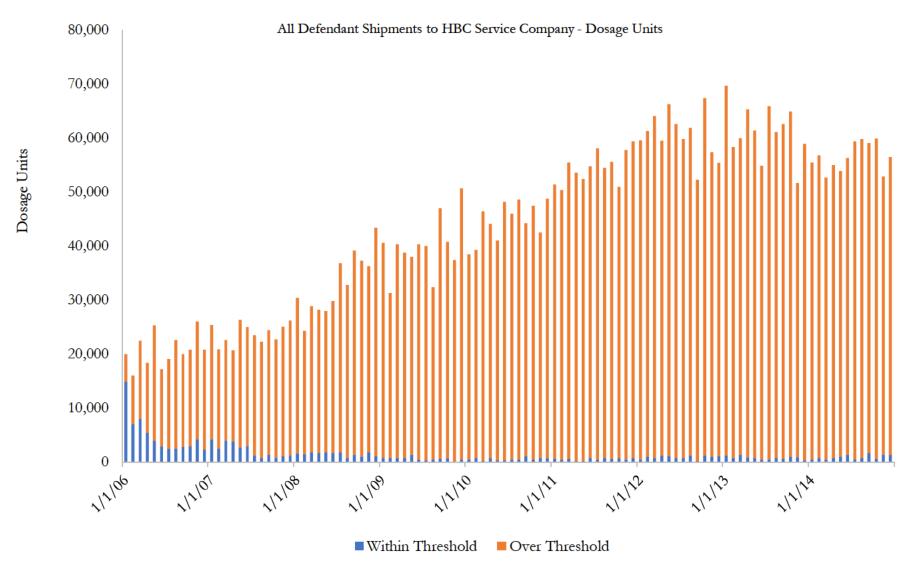
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

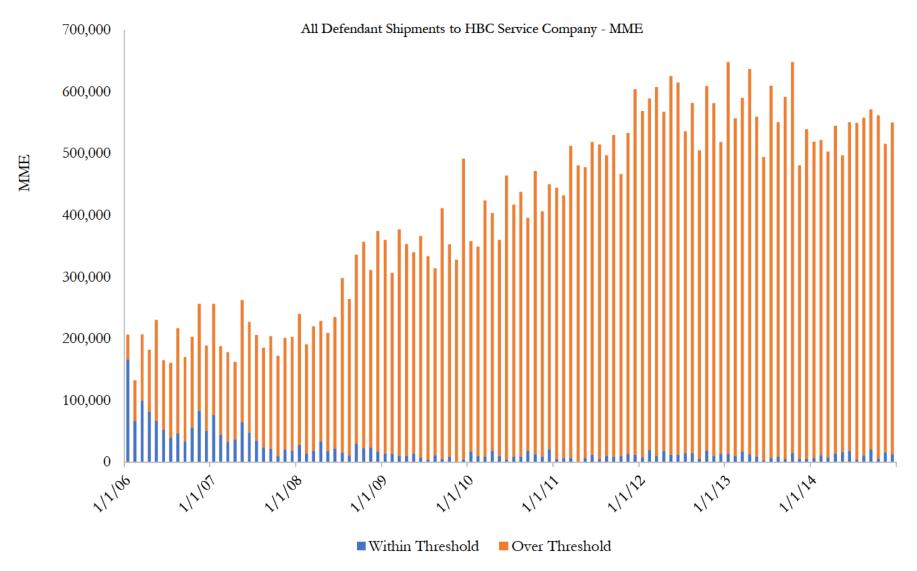
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



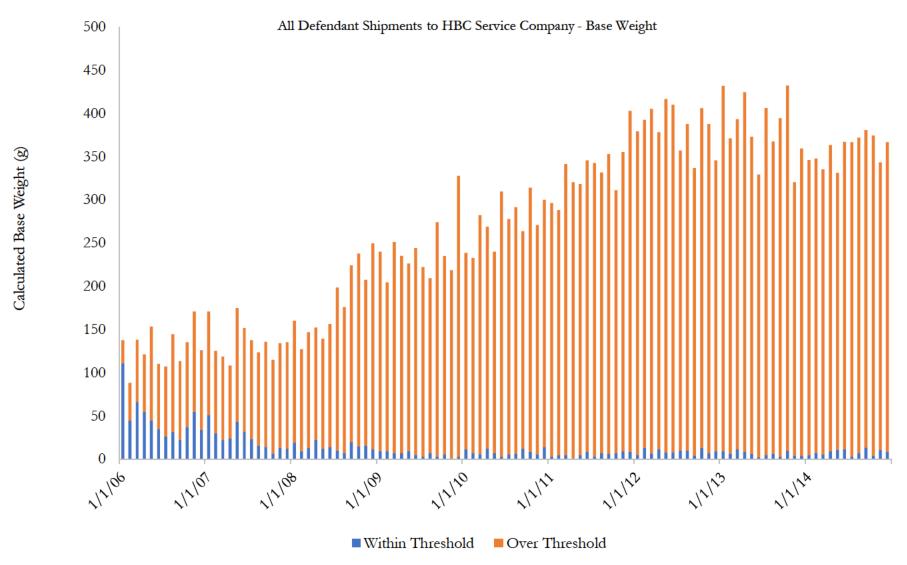
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



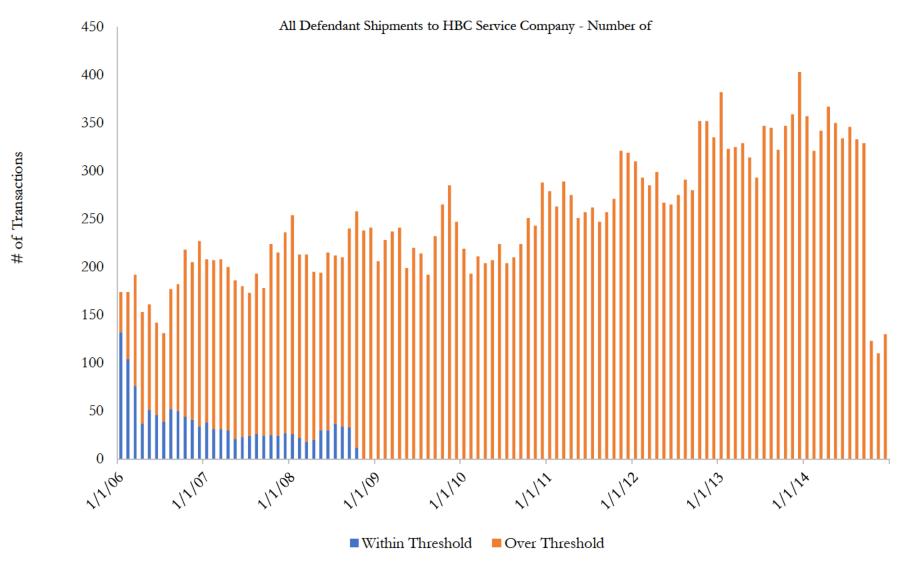
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units

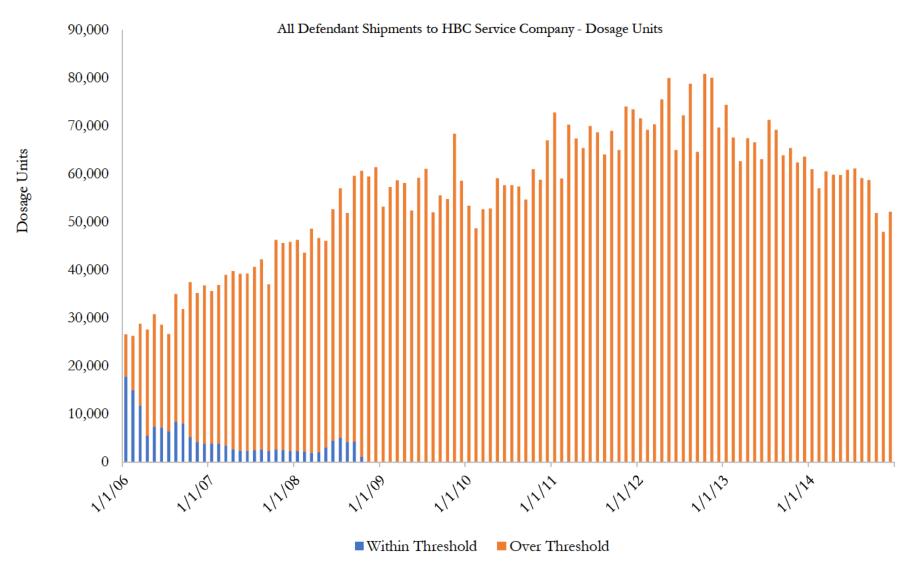


Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



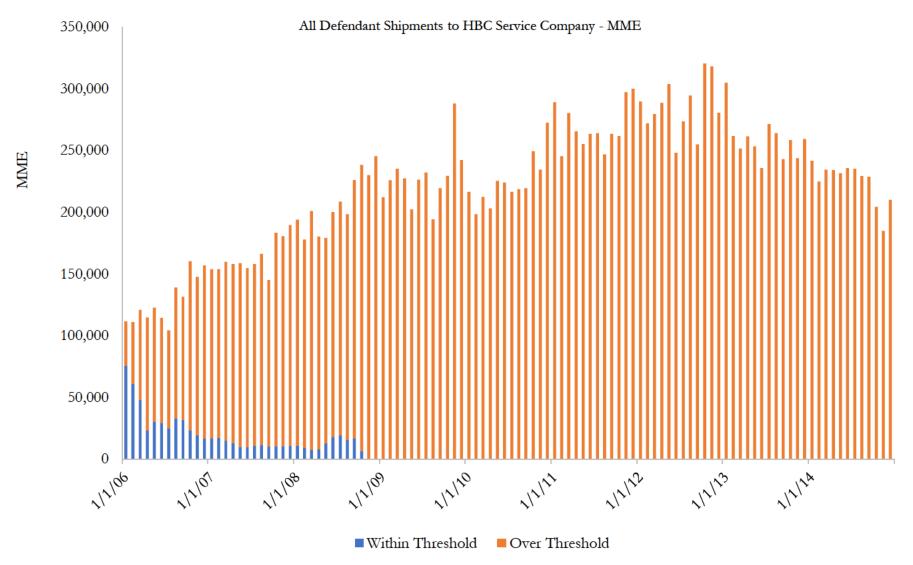
Lake County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units

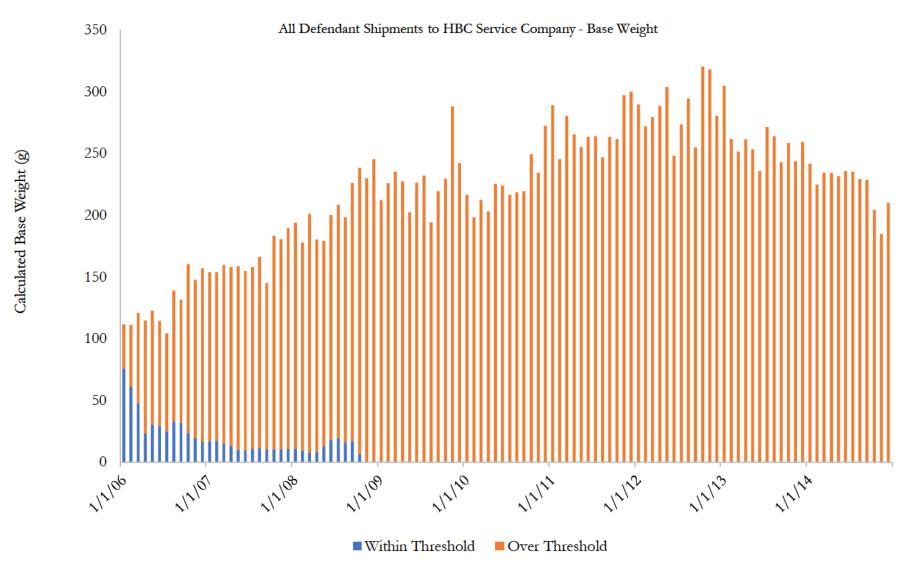


Lake County, OH 2006-2014

Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Daily Dosage Units



Total Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days

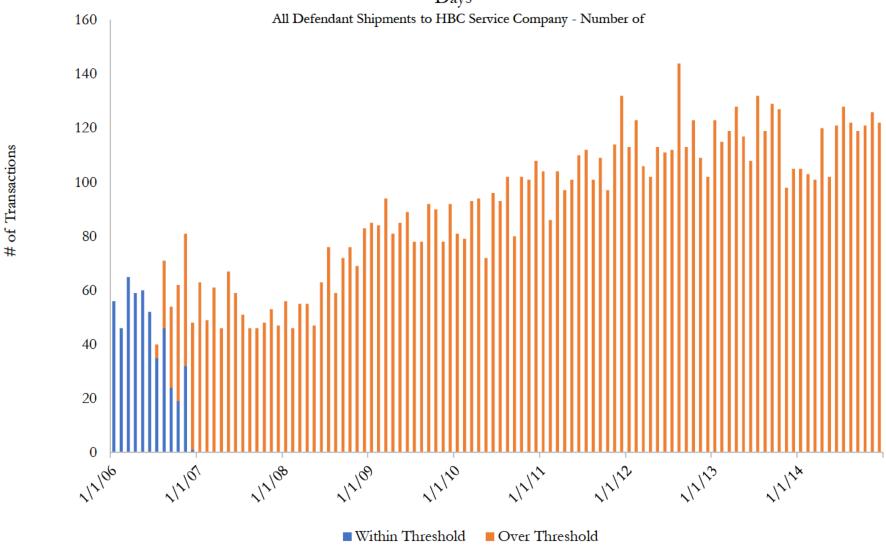
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	9,167	25,838	0	1,401	936	368	0	211	0	0	0	0	37,921
Total # of Transactions	9,662	27,097	2,286	1,504	1,571	605	411	767	92	6	40	0	44,041
Percentage of Total # of Transactions	94.9%	95.4%	0.0%	93.2%	59.6%	60.8%	0.0%	27.5%	0.0%	0.0%	0.0%	0.0%	86.1%
Elegand Ordons Deserve Units	4.560.100	E 922 420	0	F22 (10)	137,700	59,000	0	28,380	0	0	0	0	11 1/1 110
Flagged Orders - Dosage Units	4,560,100	5,832,420	0	523,610	ŕ	58,900		·				0	11,141,110
Total Dosage Units	4,736,500	6,049,320	36,393	563,110	218,400	92,600	46,640	96,540	9,825	84	4,080	0	11,853,492
Percentage of Total Dosage Units	96.3%	96.4%	0.0%	93.0%	63.0%	63.6%	0.0%	29.4%	0.0%	0.0%	0.0%	0.0%	94.0%
Flagged Orders - MME	42,005,051	22,975,462	0	1,926,757	3,005,017	1,188,370	0	956,000	0	0	0	0	72,056,657
Total MME	43,648,973	23,863,151	15,648,606	2,072,292	4,748,452	1,659,141	1,761,005	2,876,200	45,601	3,600	15,767	0	96,342,789
Percentage of Total MME	96.2%	96.3%	0.0%	93.0%	63.3%	71.6%	0.0%	33.2%	0.0%	0.0%	0.0%	0.0%	74.8%
Flagged Orders - Calculated Base Weight (g)	28,003	22,975	0	12,845	3,005	297	0	2,390	0	0	0	0	69,516
Total Calculated Base Weight (g)	29,099	23,863	155	13,815	4,748	415	587	7,191	456	4	63	0	80,396
Percentage of Total Calculated Base Weight (g)	96.2%	96.3%	0.0%	93.0%	63.3%	71.6%	0.0%	33.2%	0.0%	0.0%	0.0%	0.0%	86.5%

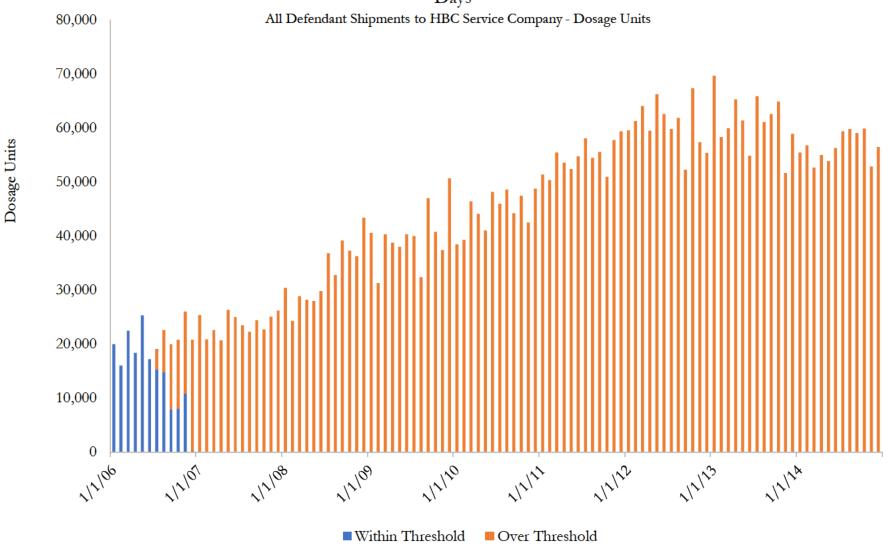
Notes:

Once an order(s) plus the total shipments over the prior 29 days exceeds the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

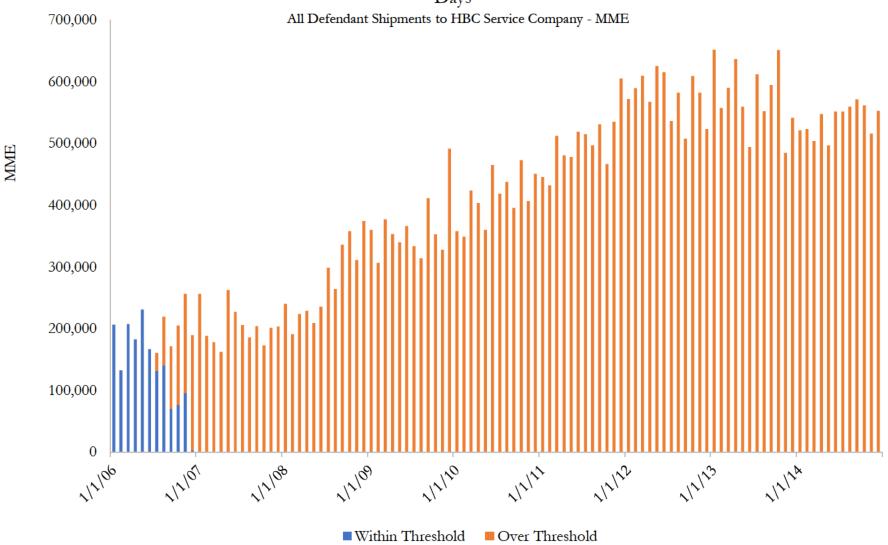
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



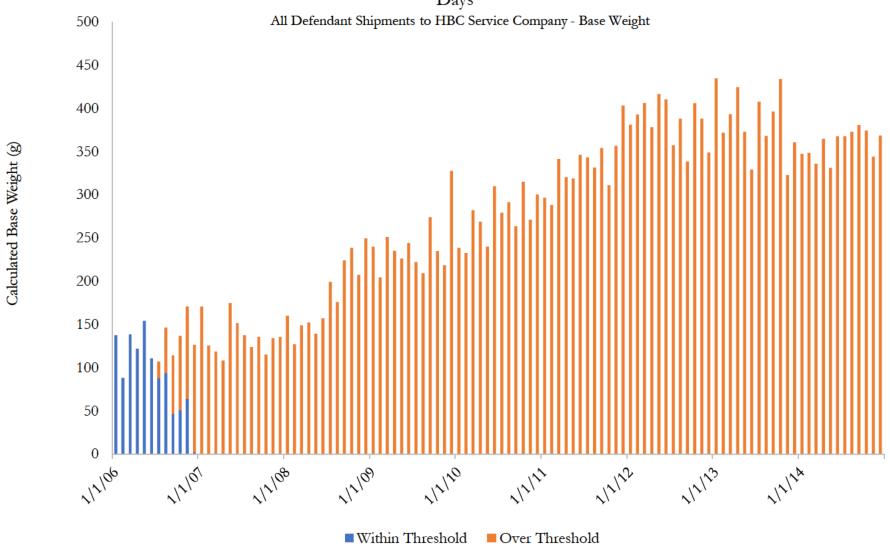
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



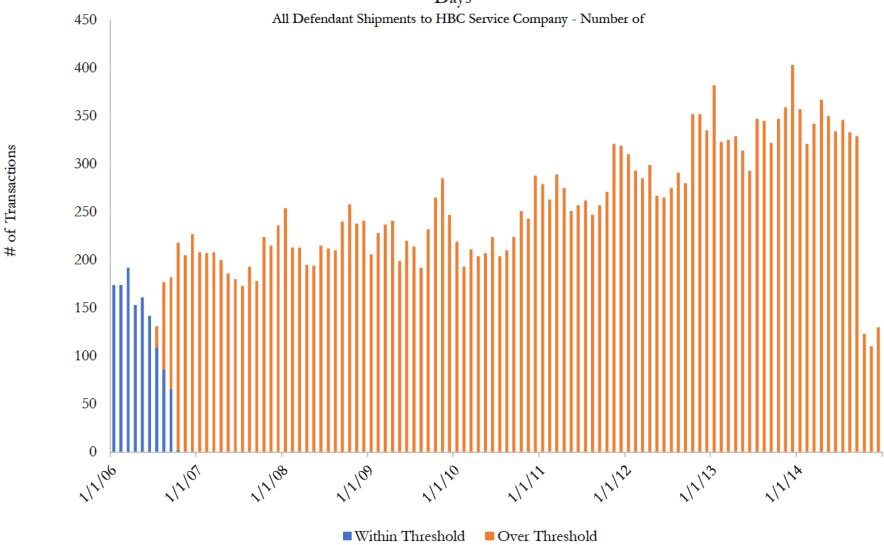
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



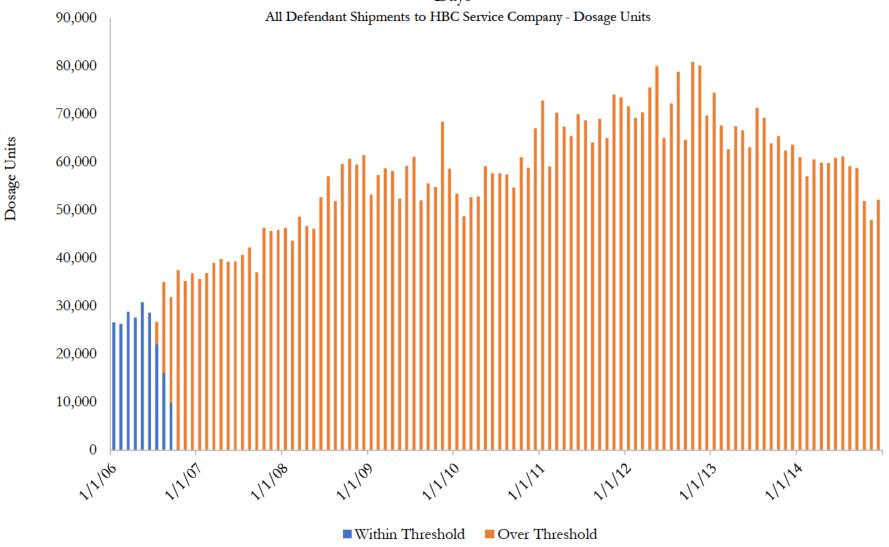
Oxycodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



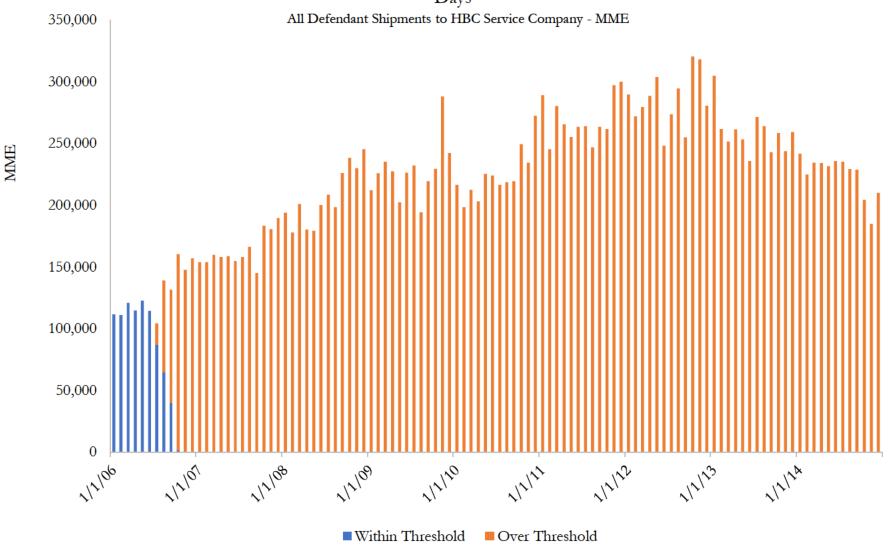
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



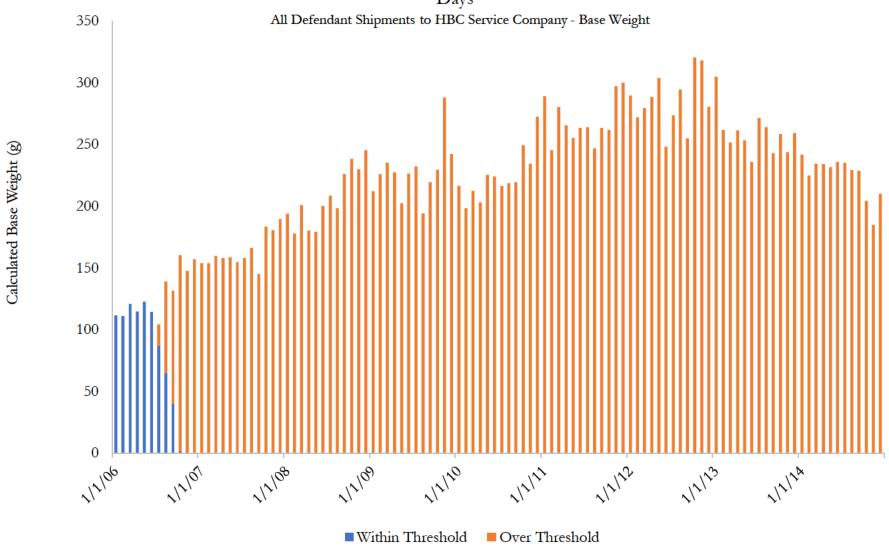
Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Lake County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Total Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold

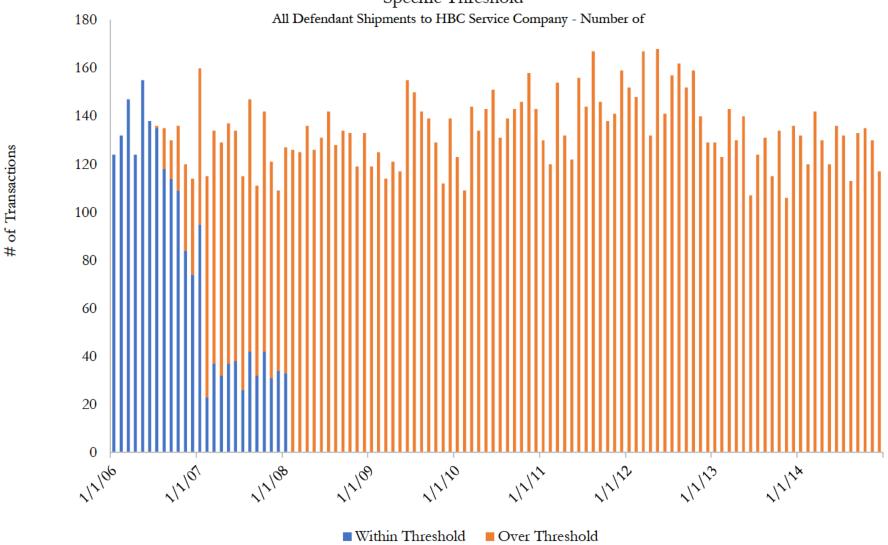
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	12,549	48,813	0	2,724	1,493	80	0	0	0	0	0	0	65,659
Total # of Transactions	14,505	52,262	5,147	3,377	2,725	428	250	529	159	57	77	0	79,516
Percentage of Total # of Transactions	86.5%	93.4%	0.0%	80.7%	54.8%	18.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	82.6%
Flagged Orders - Dosage Units	4,480,380	13,524,310	0	689,990	188,300	15,400	0	0	0	0	0	0	18,898,380
Total Dosage Units	5,025,680	14,342,810	77,335	785,090	328,600	66,100	26,300	50,080	18,900	2,628	8,100	0	20,731,623
Percentage of Total Dosage Units	89.1%	94.3%	0.0%	87.9%	57.3%	23.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	91.2%
Flagged Orders - MME	65,470,190	60,409,486	0	2,612,080	6,400,001	206,400	0	0	0	0	0	0	135,098,156
Total MME	76,258,865	64,020,505	41,270,370	2,992,239	11,799,194	891,770	1,276,595	1,921,000	92,553	105,840	41,777	0	200,670,707
Percentage of Total MME	85.9%	94.4%	0.0%	87.3%	54.2%	23.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	67.3%
Flagged Orders - Calculated Base Weight (g)	43,647	60,409	0	17,414	6,4 00	52	0	0	0	0	0	0	127,922
Total Calculated Base Weight (g)	50,839	64,021	412	19,948	11,799	223	426	4,803	926	106	167	0	153,669
Percentage of Total Calculated Base Weight (g)	85.9%	94.4%	0.0%	87.3%	54.2%	23.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	83.2%

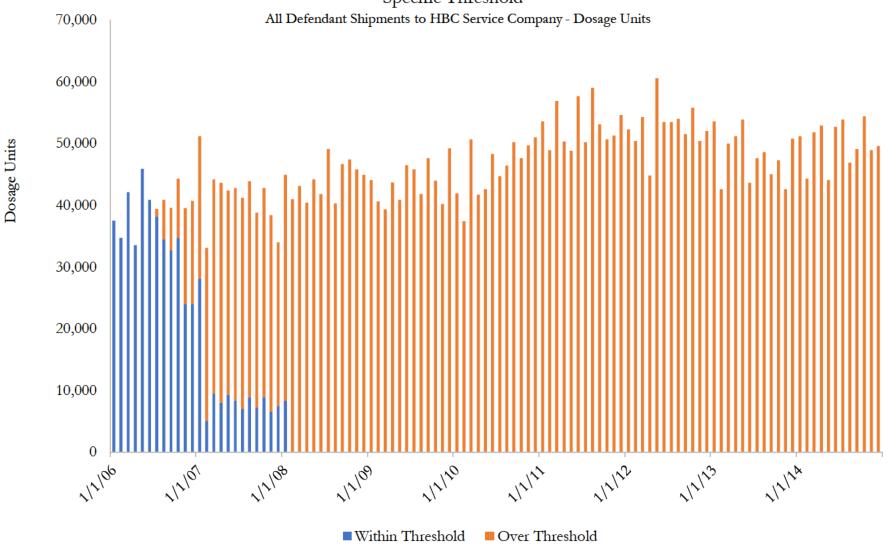
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

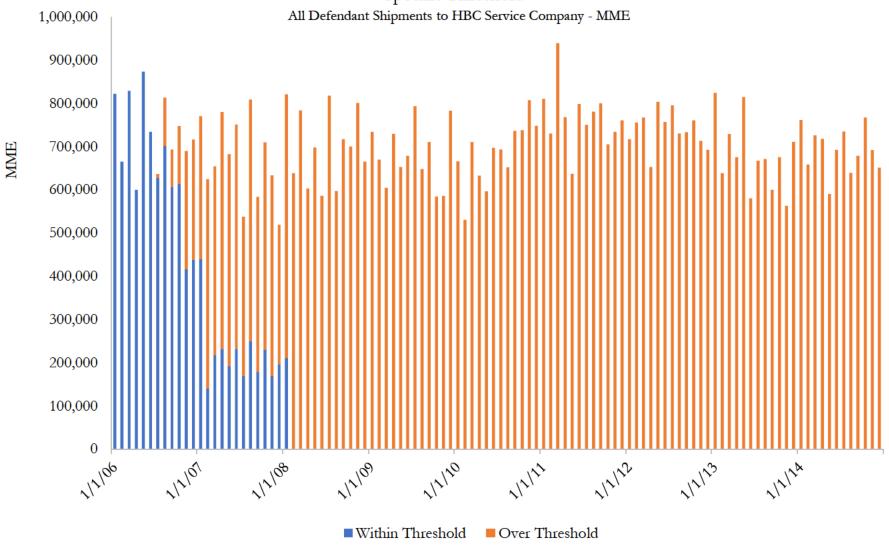
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



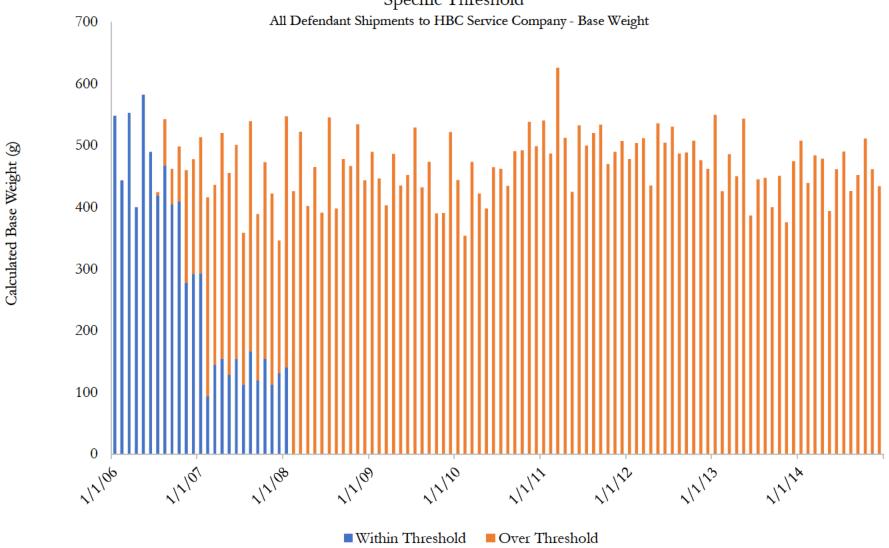
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



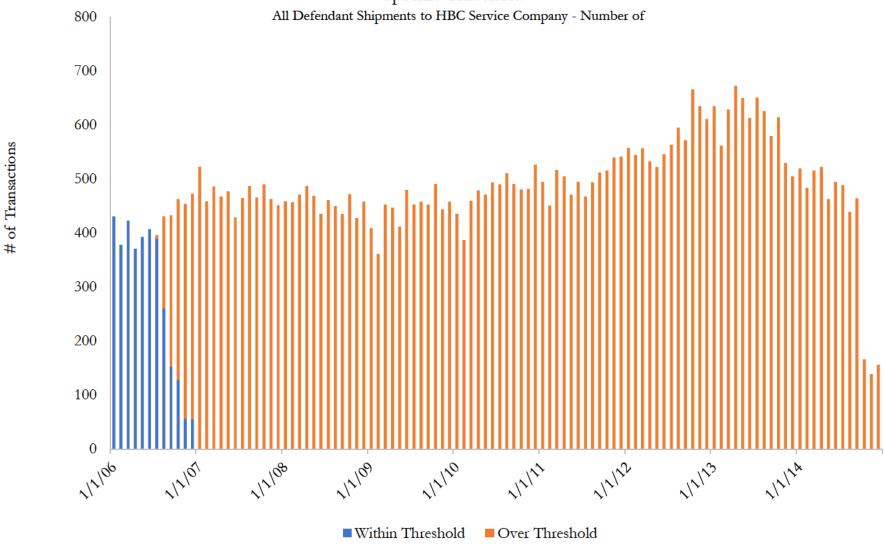
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



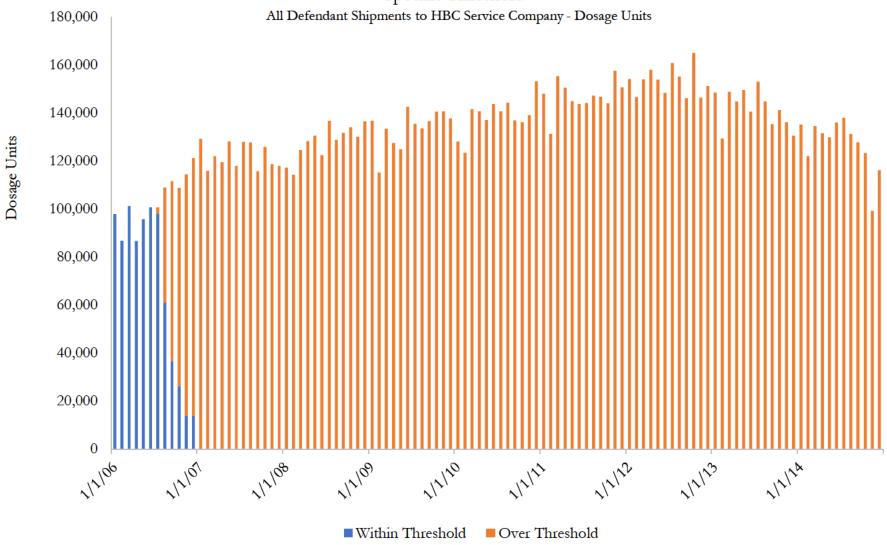
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



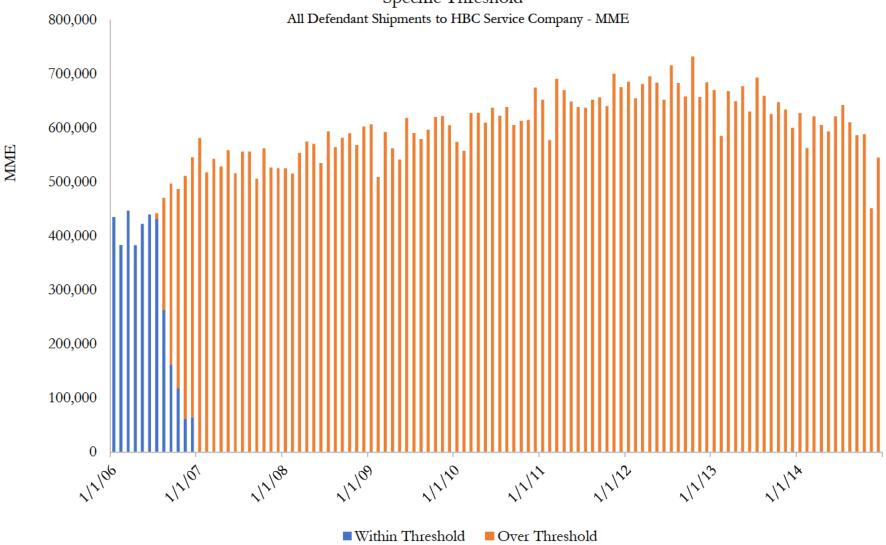
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



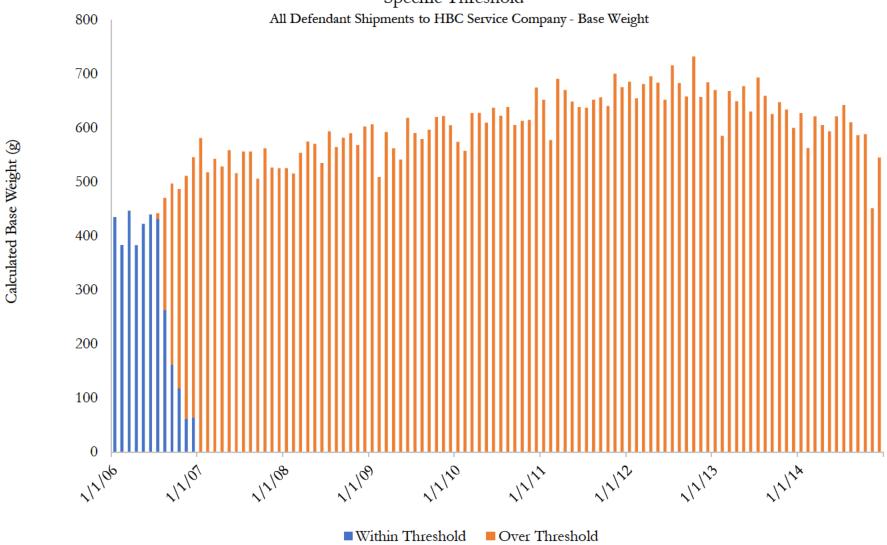
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Common Sense Method - Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold



Total Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

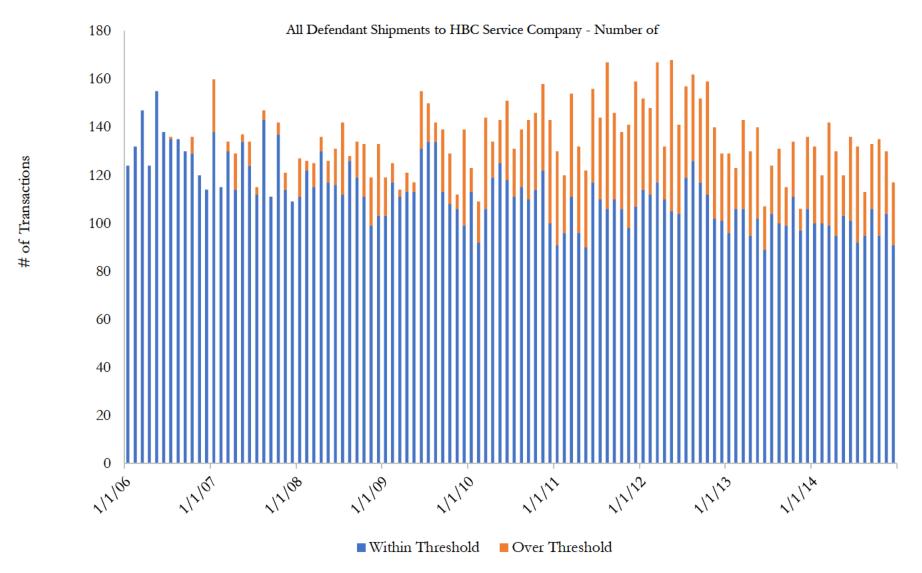
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	2,364	14,612	0	289	95	3	0	0	0	0	0	0	17,363
Total # of Transactions	14,505	52,262	5,147	3,377	2,725	428	250	529	159	57	77	0	79,516
Percentage of Total # of Transactions	16.3%	28.0%	0.0%	8.6%	3.5%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	21.8%
Flagged Orders - Dosage Units	894,700	4,131,580	0	126,900	13,200	700	0	0	0	0	0	0	5,167,080
										-			
Total Dosage Units	5,025,680	14,342,810	77,335	785,090	328,600	66,100	26,300	50,080	18,900	2,628	8,100	0	20,731,623
Percentage of Total Dosage Units	17.8%	28.8%	0.0%	16.2%	4.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	24.9%
Flagged Orders - MME	12,883,086	18,415,150	0	452,311	372,590	9,930	0	0	0	0	0	0	32,133,067
Total MME	76,258,865	64,020,505	41,270,370	2,992,239	11,799,194	891,770	1,276,595	1,921,000	92,553	105,840	41,777	0	200,670,707
Percentage of Total MME	16.9%	28.8%	0.0%	15.1%	3.2%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	16.0%
Flagged Orders - Calculated Base Weight (g)	8,589	18,415	0	3,015	373	2	0	0	0	0	0	0	30,394
Total Calculated Base Weight (g)	50,839	64,021	412	19,948	11,799	223	426	4,803	926	106	167	0	153,669
Percentage of Total Calculated Base Weight (g)	16.9%	28.8%	0.0%	15.1%	3.2%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	19.8%

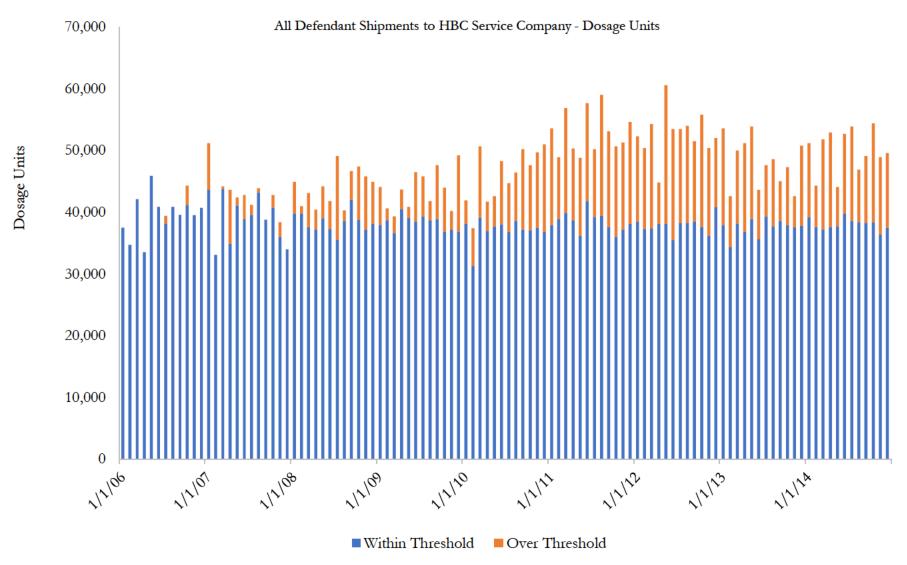
Notes:

Once an order(s) exceeds the largest total order of any of the previous six months all subsequent monthly threshold is fixed. All monthly order(s) exceeding this threshold is considered suspicious. This method assumes no due diligence on the suspicious order(s), but it is cleared and shipped.

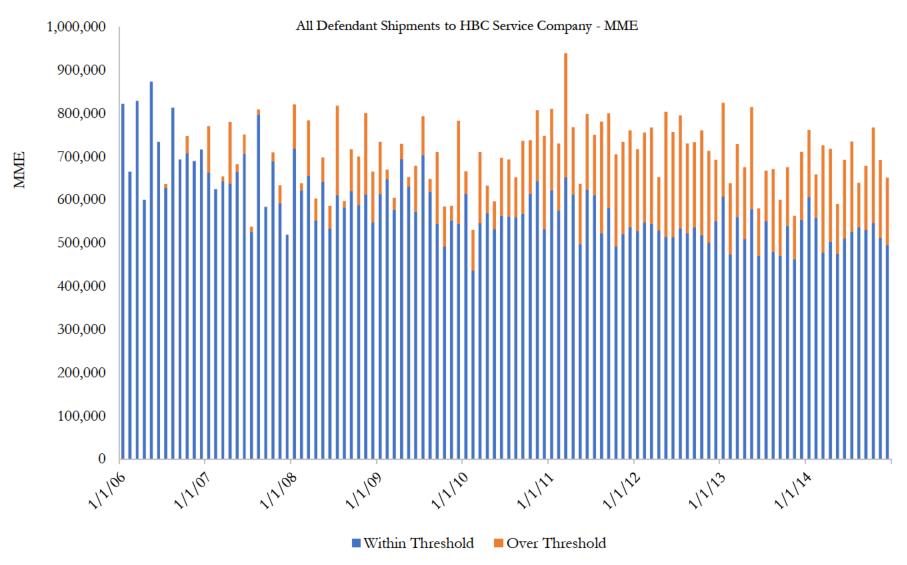
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



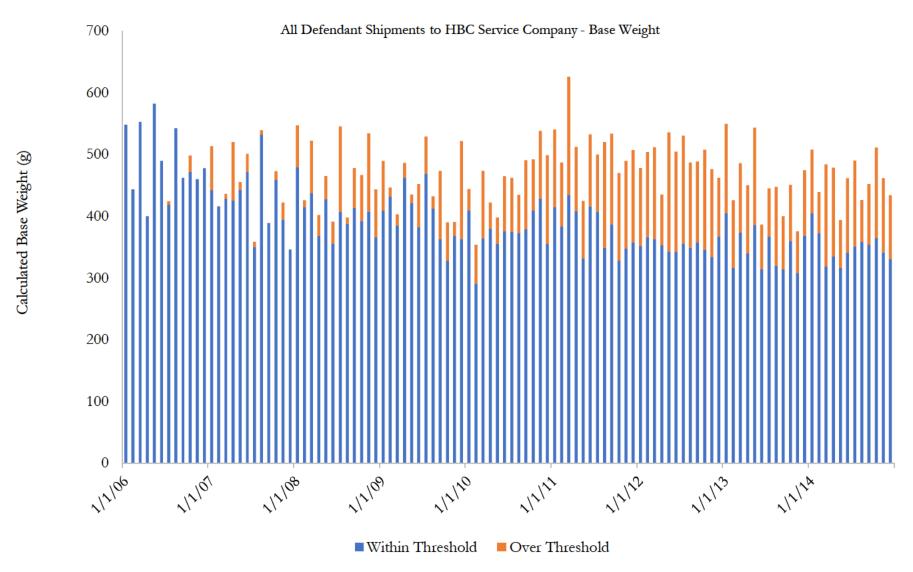
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

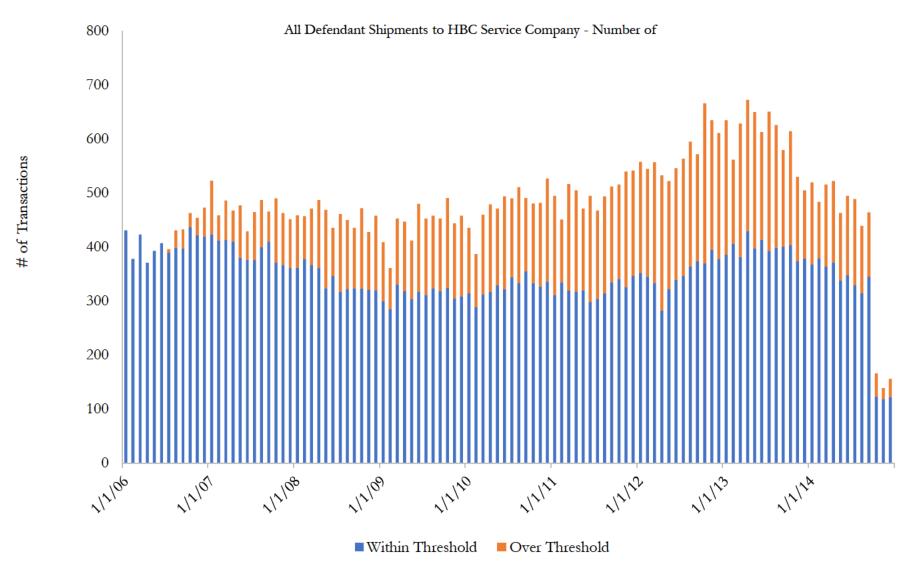


Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



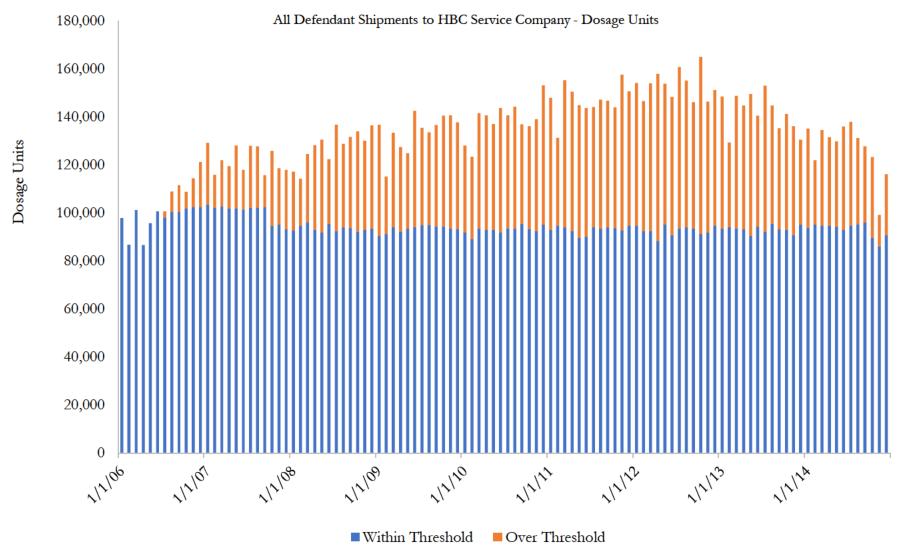
2006-2014

Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

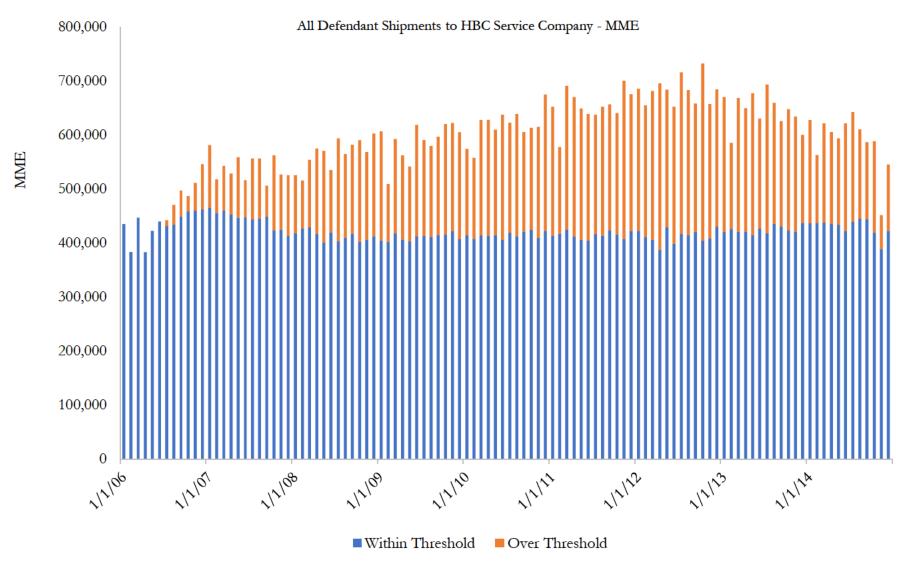


2006-2014

Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold

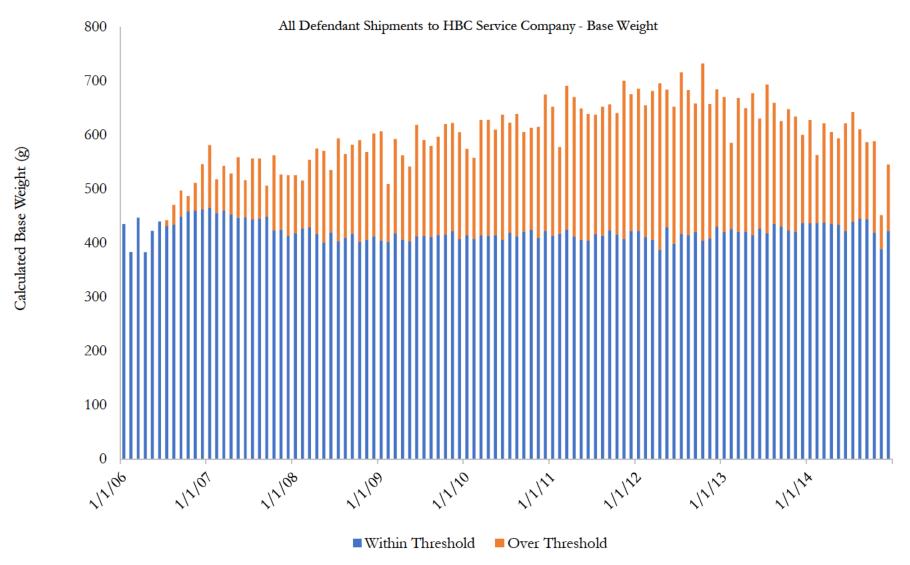


Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



2006-2014

Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Trailing Six-month Maximum Monthly, Fixed After First Triggered Threshold



Total Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

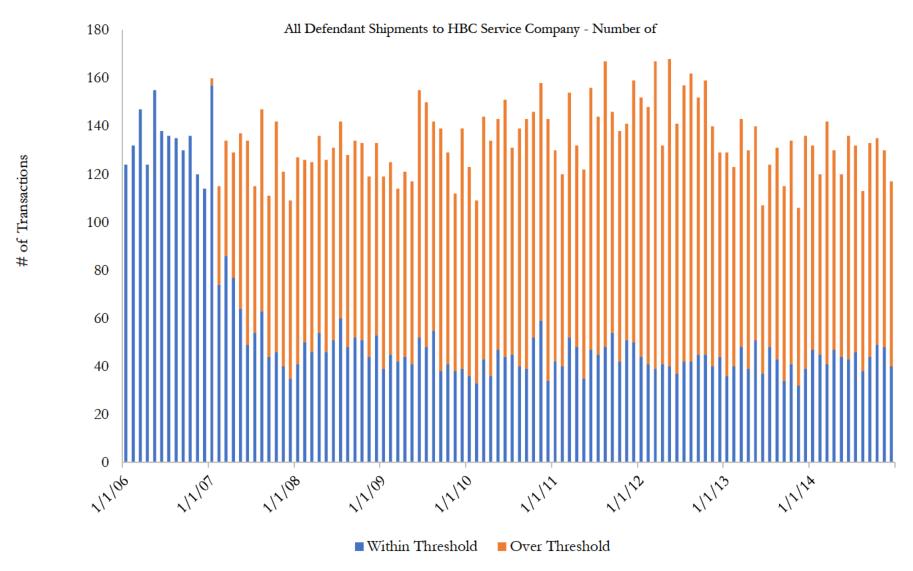
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	8,425	26,757	2,444	2,129	1,939	123	102	404	72	29	0	0	42,424
Total # of Transactions	14,505	52,262	5,147	3,377	2,725	428	250	529	159	57	77	0	79,516
Percentage of Total # of Transactions	58.1%	51.2%	47.5%	63.0%	71.2%	28.7%	40.8%	76.4%	45.3%	50.9%	0.0%	0.0%	53.4%
Flagged Orders - Dosage Units	2,844,080	7,960,310	35,180	565,190	236,800	24,600	11,060	37,160	9,500	1,500	0	0	11,725,380
Total Dosage Units	5,025,680	14,342,810	77,335	785,090	328,600	66,100	26,300	50,080	18,900	2,628	8,100	0	20,731,623
Percentage of Total Dosage Units	56.6%	55.5%	45.5%	72.0%	72.1%	37.2%	42.1%	74.2%	50.3%	57.1%	0.0%	0.0%	56.6%
Flagged Orders - MME	42,764,207	35,568,487	18,052,400	2,142,165	8,087,558	365,279	508,497	1,505,000	50,111	59,400	0	0	109,103,104
Total MME	76,258,865	64,020,505	41,270,370	2,992,239	11,799,194	891,770	1,276,595	1,921,000	92,553	105,840	41,777	0	200,670,707
Percentage of Total MME	56.1%	55.6%	43.7%	71.6%	68.5%	41.0%	39.8%	78.3%	54.1%	56.1%	0.0%	0.0%	54.4%
Flagged Orders - Calculated Base Weight (g)	28,509	35,568	180	14,281	8,088	91	169	3,763	501	59	0	0	91,211
Total Calculated Base Weight (g)	50,839	64,021	412	19,948	11,799	223	426	4,803	926	106	167	0	153,669
Percentage of Total Calculated Base Weight (g)	56.1%	55.6%	43.7%	71.6%	68.5%	41.0%	39.8%	78.3%	54.1%	56.1%	0.0%	0.0%	59.4%

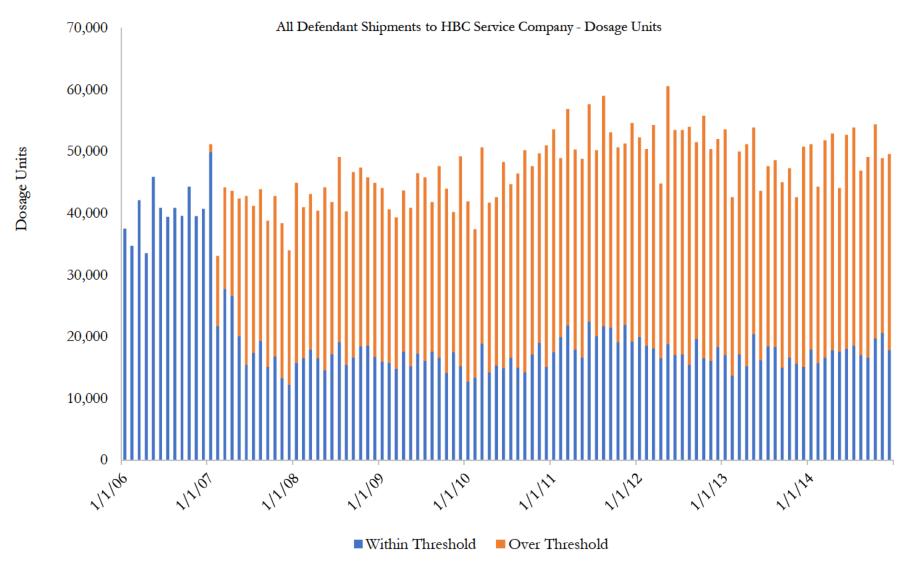
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

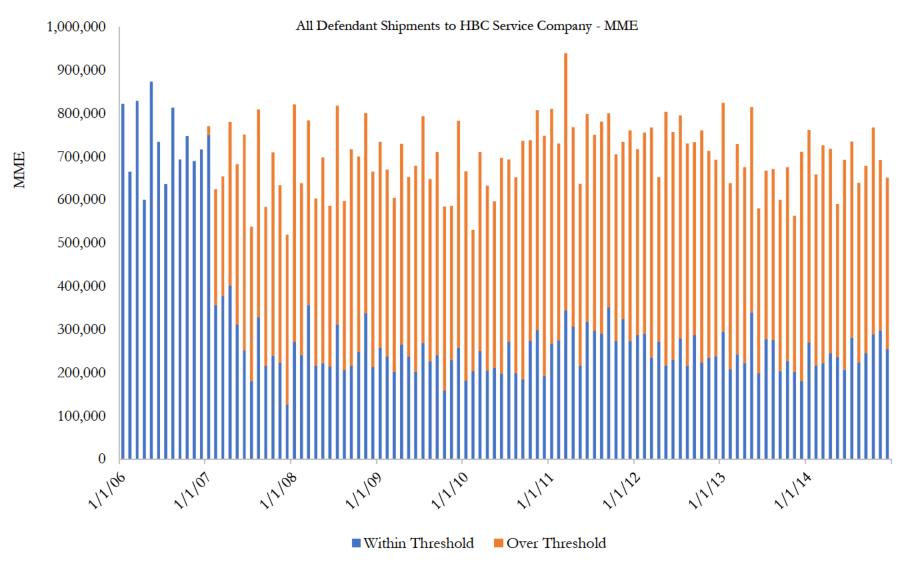
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

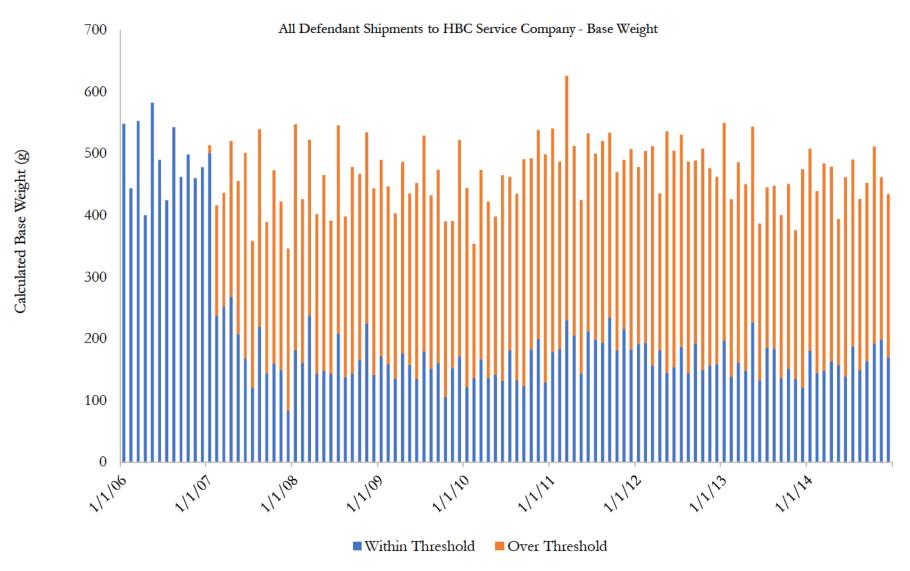


Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units

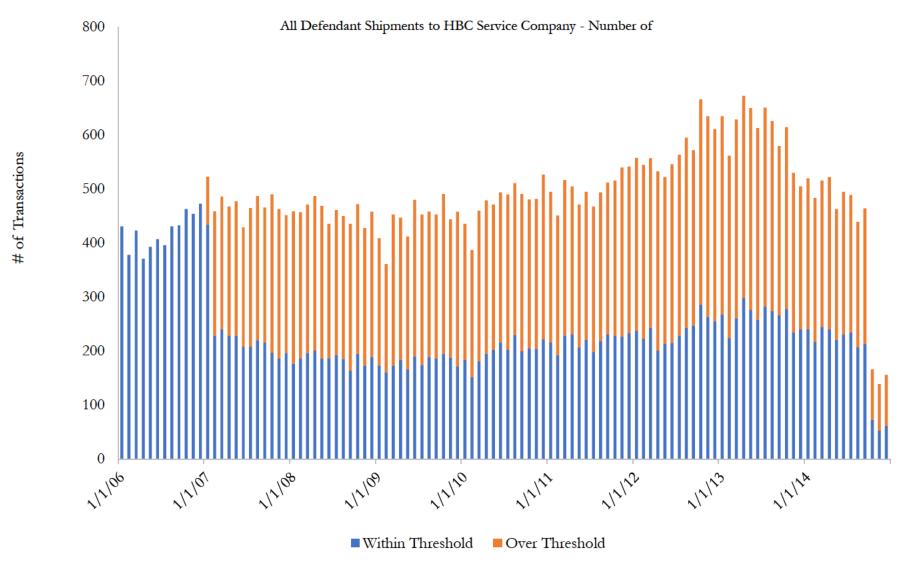


2006-2014

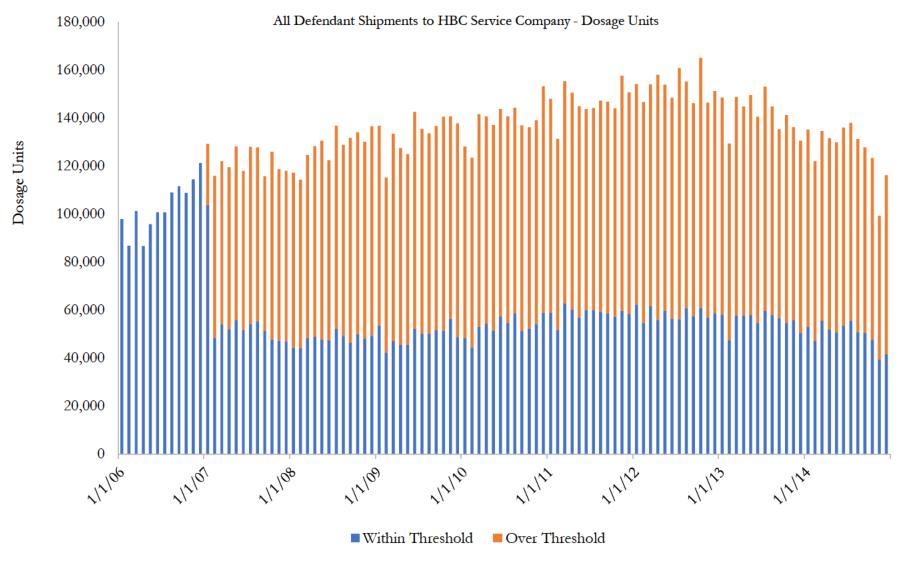
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



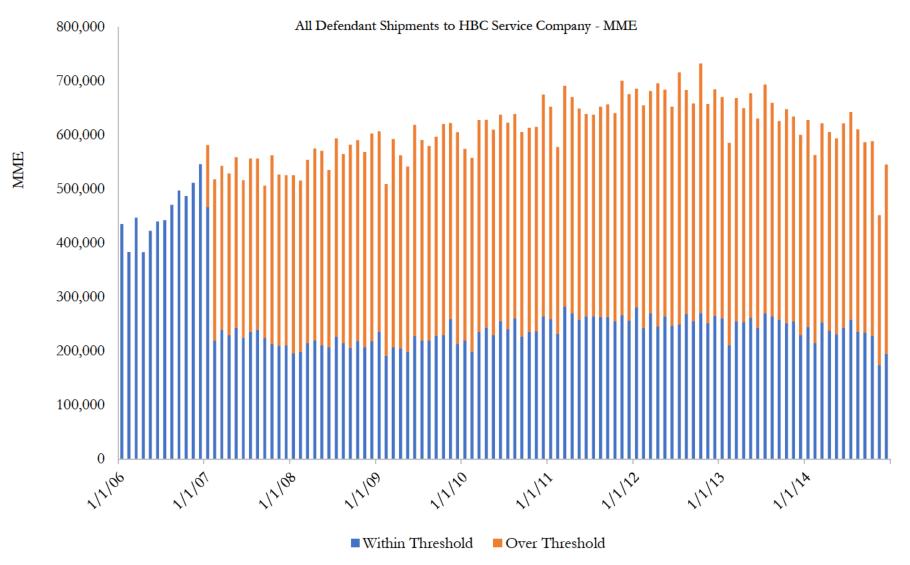
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



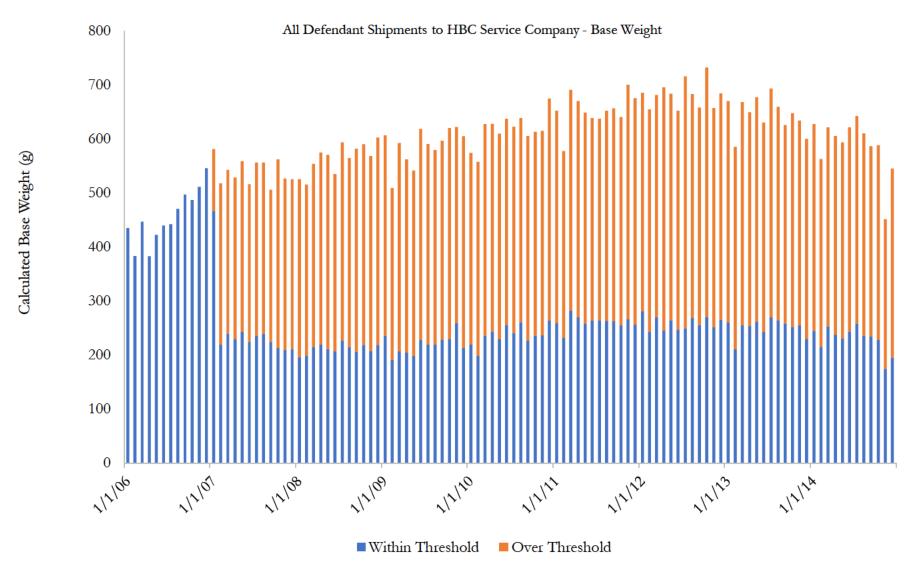
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: 2x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units

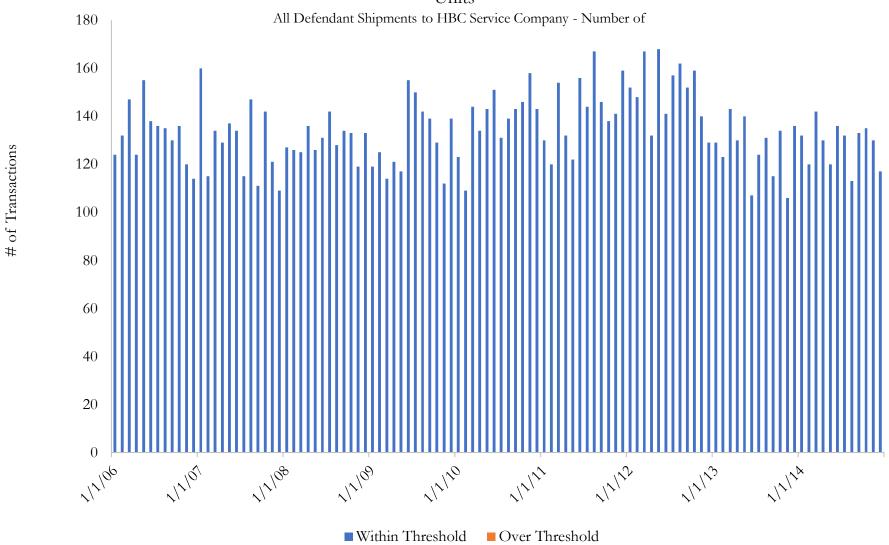
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	0	9,852	189	1,366	0	80	29	55	38	0	0	0	11,609
Total # of Transactions	14,505	52,262	5,147	3,377	2,725	428	250	529	159	57	77	0	79,516
Percentage of Total # of Transactions	0.0%	18.9%	3.7%	40.5%	0.0%	18.7%	11.6%	10.4%	23.9%	0.0%	0.0%	0.0%	14.6%
Flagged Orders - Dosage Units	0	3,206,350	3,600	326,590	0	15,400	3,760	6,120	4,600	0	0	0	3,566,420
Total Dosage Units	5,025,680	14,342,810	77,335	785,090	328,600	66,100	26,300	50,080	18,900	2,628	8,100	0	20,731,623
Percentage of Total Dosage Units	0.0%	22.4%	4.7%	41.6%	0.0%	23.3%	14.3%	12.2%	24.3%	0.0%	0.0%	0.0%	17.2%
Flagged Orders - MME	0	14,291,825	1,652,755	1,260,052	0	206,400	159,775	176,400	26,581	0	0	0	17,773,789
Total MME	76,258,865	64,020,505	41,270,370	2,992,239	11,799,194	891,770	1,276,595	1,921,000	92,553	105,840	41,777	0	200,670,707
Percentage of Total MME	0.0%	22.3%	4.0%	42.1%	0.0%	23.1%	12.5%	9.2%	28.7%	0.0%	0.0%	0.0%	8.9%
Flagged Orders - Calculated Base Weight (g)	0	14,292	17	8,400	0	52	53	441	266	0	0	0	23,520
Total Calculated Base Weight (g)	50,839	64,021	412	19,948	11,799	223	426	4,803	926	106	167	0	153,669
Percentage of Total Calculated Base Weight (g)	0.0%	22.3%	4.0%	42.1%	0.0%	23.1%	12.5%	9.2%	28.7%	0.0%	0.0%	0.0%	15.3%

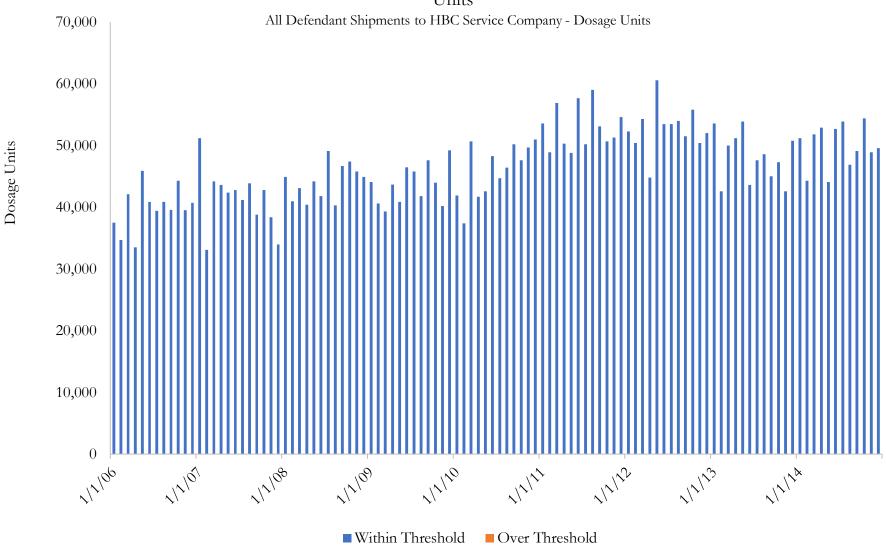
Notes:

Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

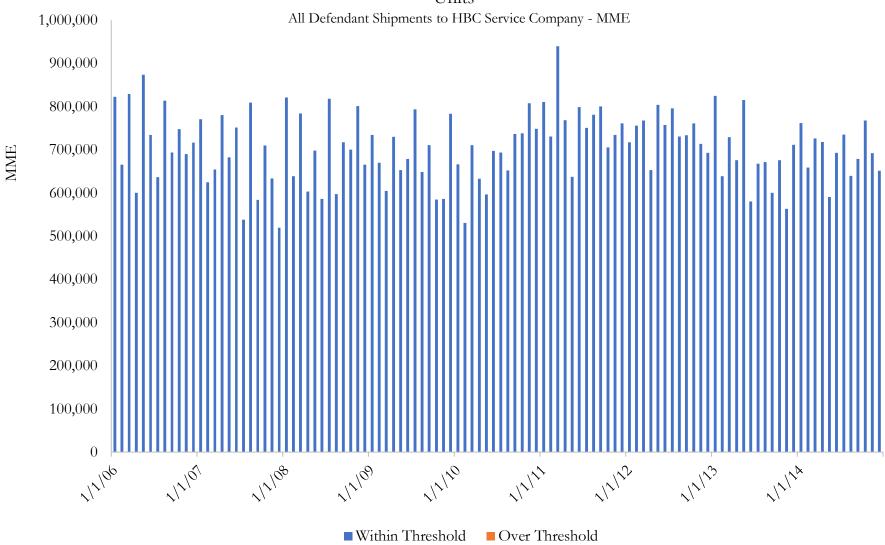
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



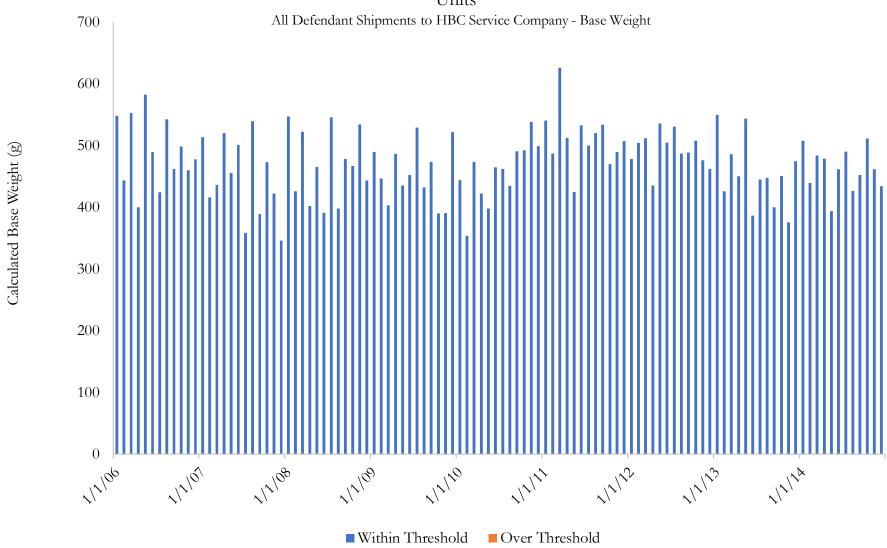
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



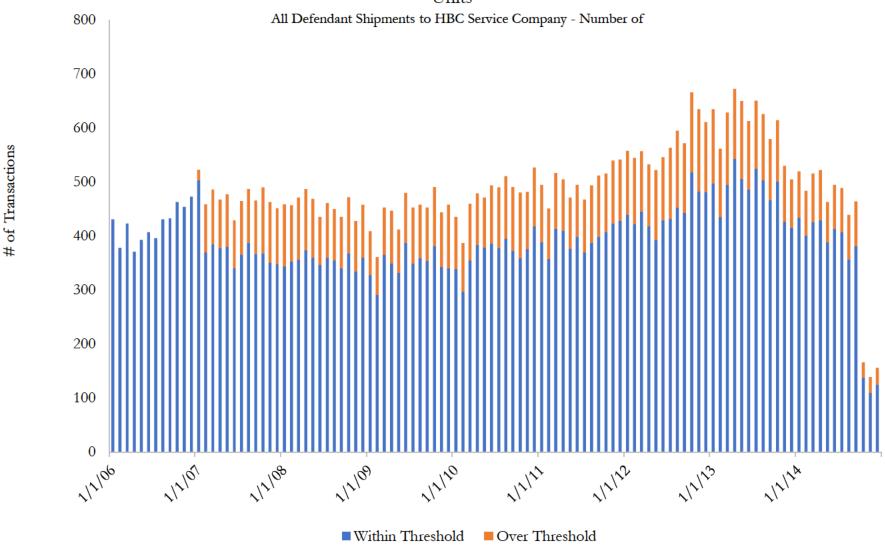
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



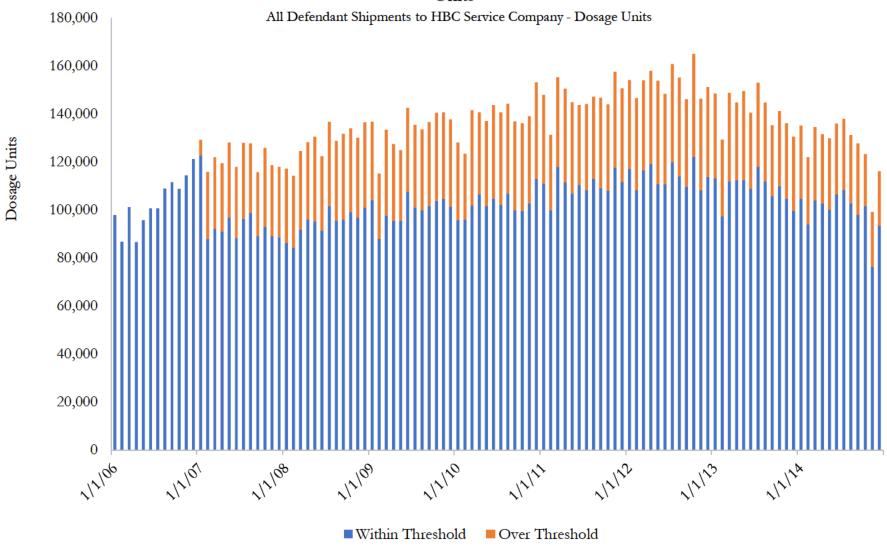
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



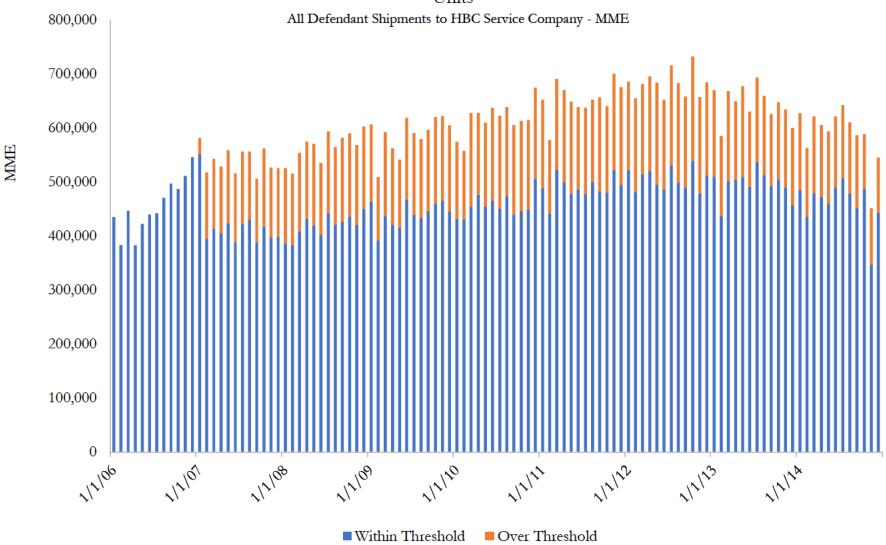
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



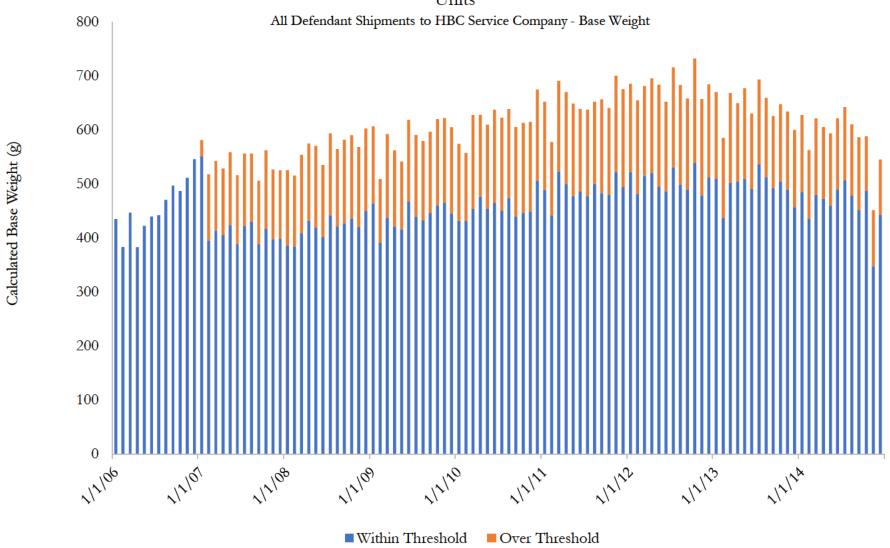
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Extraordinary Order Method - 3x Trailing 12 Month Average Pharmacy Dosage Units



Total Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly

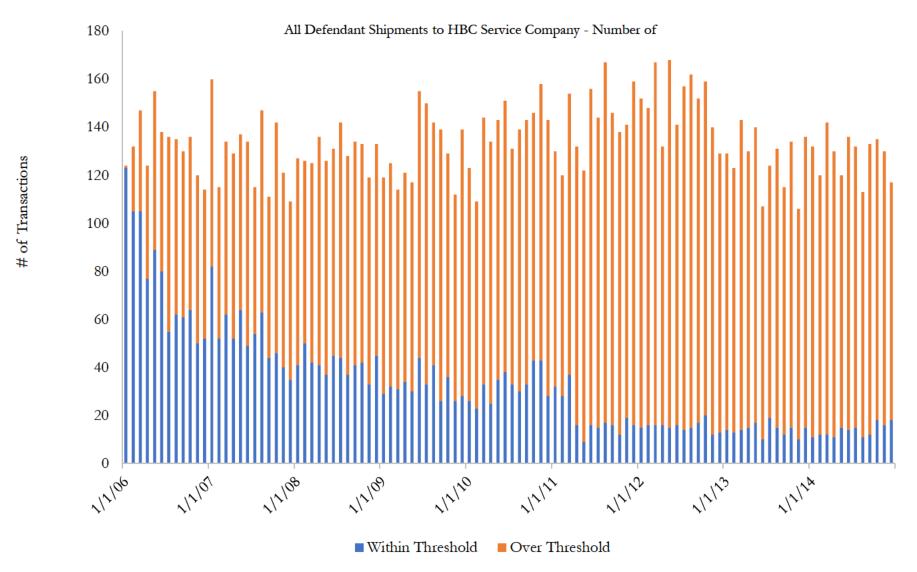
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	10,909	51,778	0	0	0	0	0	0	0	0	0	0	62,687
Total # of Transactions	14,505	52,262	5,147	3,377	2,725	428	250	529	159	57	77	0	79,516
Percentage of Total # of Transactions	75.2%	99.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	78.8%
Flagged Orders - Dosage Units	3,880,180	14,237,110	0	0	0	0	0	0	0	0	0	0	18,117,290
Total Dosage Units	5,025,680	14,342,810	77,335	785,090	328,600	66,100	26,300	50,080	18,900	2,628	8,100	0	20,731,623
Percentage of Total Dosage Units	77.2%	99.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	87.4%
Flagged Orders - MME	59,411,642	63,553,550	0	0	0	0	0	0	0	0	0	0	122,965,193
Total MME	76,258,865	64,020,505	41,270,370	2,992,239	11,799,194	891,770	1,276,595	1,921,000	92,553	105,840	41,777	0	200,670,707
Percentage of Total MME	77.9%	99.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	61.3%
Flagged Orders - Calculated Base Weight (g)	39,608	63,554	0	0	0	0	0	0	0	0	0	0	103,161
Total Calculated Base Weight (g)	50,839	64,021	412	19,948	11,799	223	426	4,803	926	106	167	0	153,669
Percentage of Total Calculated Base Weight (g)	77.9%	99.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	67.1%

Notes:

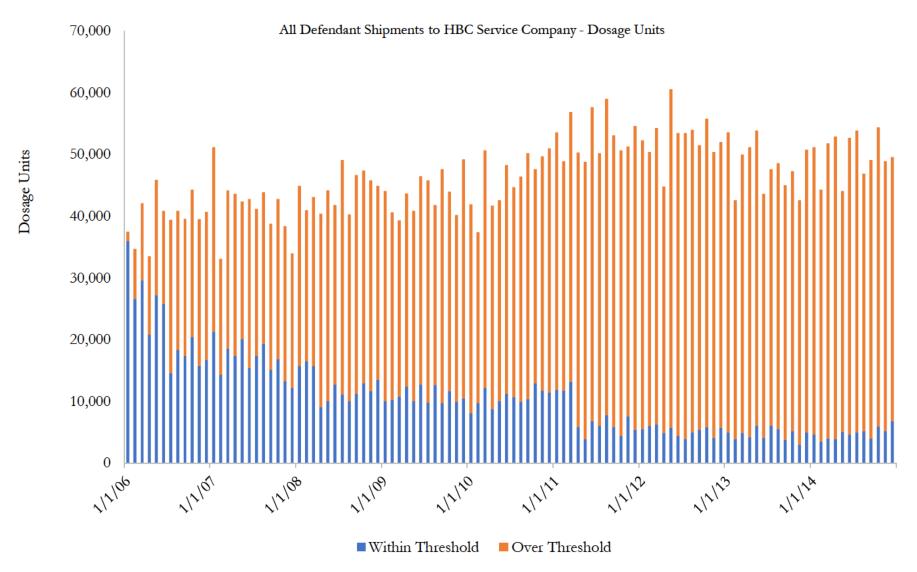
Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



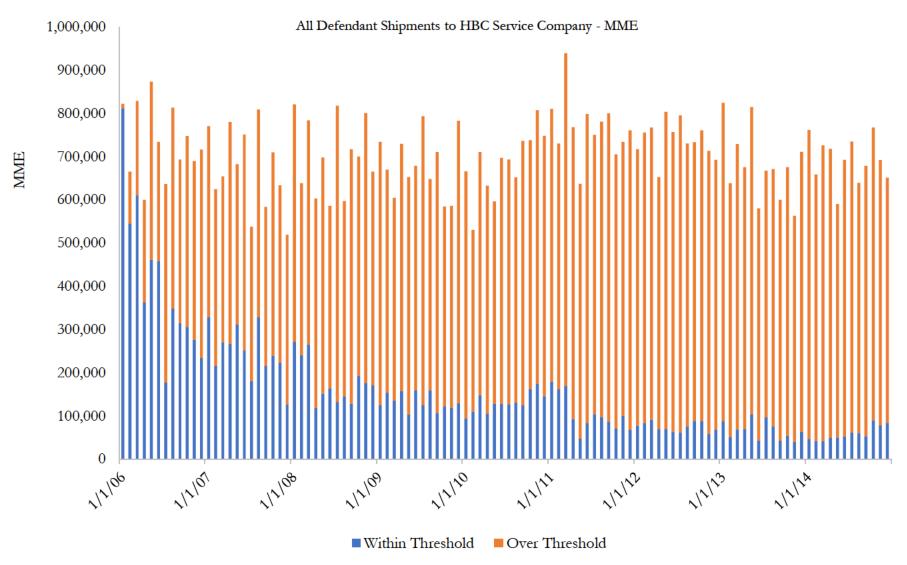
2006-2014

Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



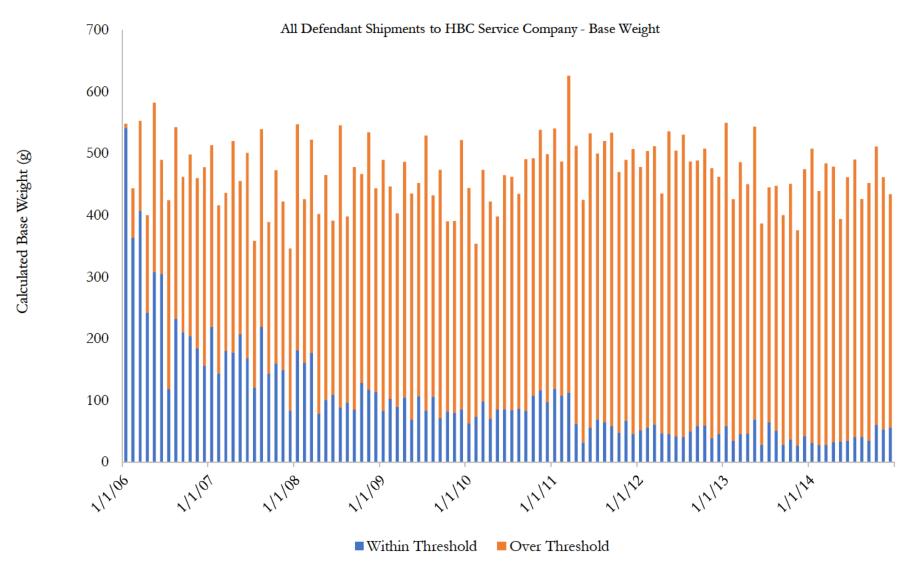
2006-2014

Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly

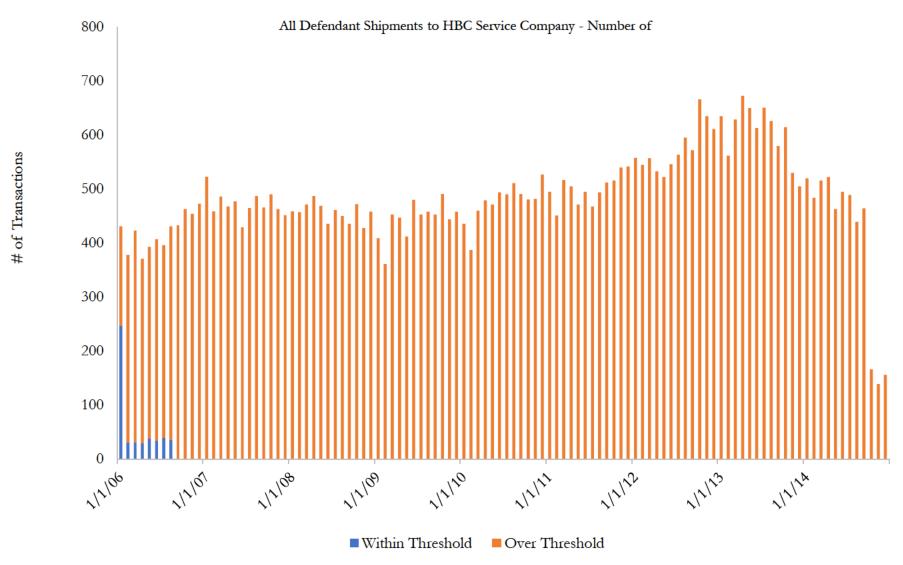


2006-2014

Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly

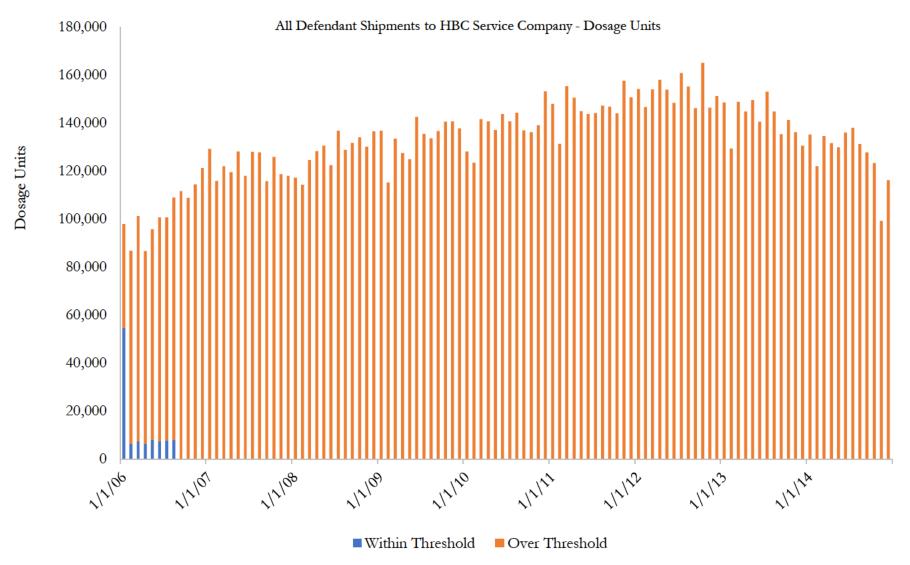


Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



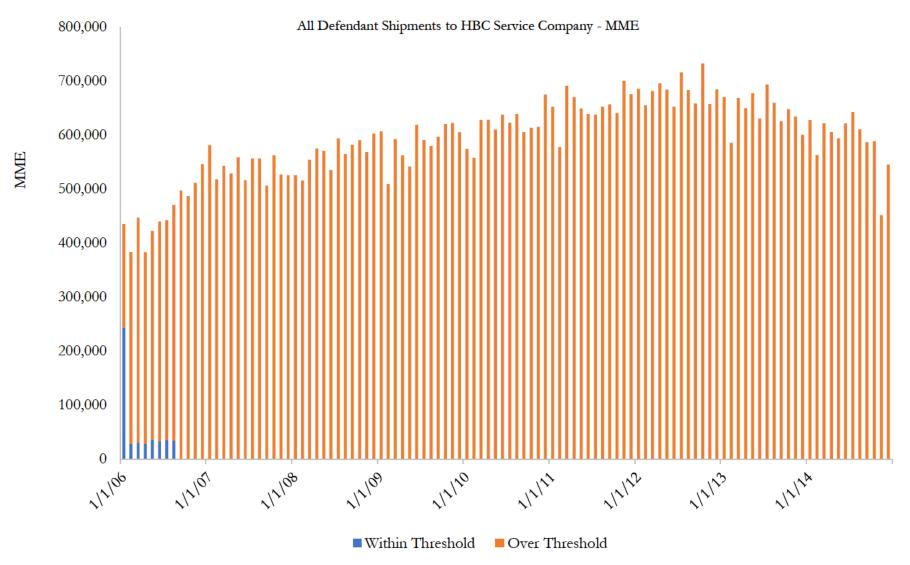
2006-2014

Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



2006-2014

Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



2006-2014

Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum 8,000 Dosage Units Monthly



Total Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units

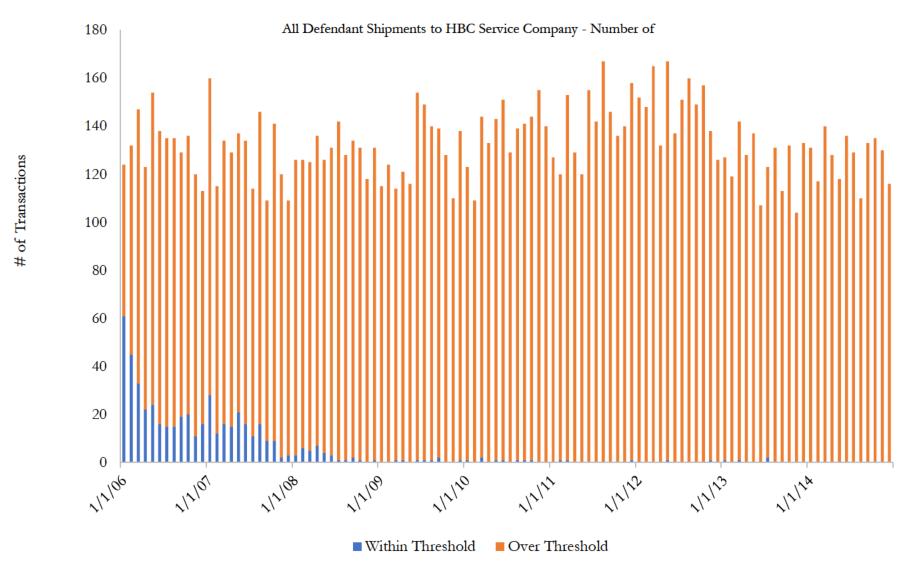
All Defendant Shipments to HBC Service Company - 2006-2014

	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	13,867	52,248	0	593	1,678	71	0	0	0	0	0	0	68,457
Total # of Transactions	14,381	52,262	0	3,322	2,725	428	0	0	159	0	0	0	73,277
Percentage of Total # of Transactions	96.4%	100.0%	0.0%	17.9%	61.6%	16.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	93.4%
Flagged Orders - Dosage Units	4,920,380	14,340,510	0	252,790	212,000	15,800	0	0	0	0	0	0	19,741,480
Total Dosage Units	5,025,680	14,342,810	0	779,590	328,600	66,100	0	0	18,900	0	0	0	20,561,680
Percentage of Total Dosage Units	97.9%	100.0%	0.0%	32.4%	64.5%	23.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	96.0%
Flagged Orders - MME	74,522,784	64,008,597	0	949,094	7,222,645	249,667	0	0	0	0	0	0	146,952,788
Total MME	76,075,710	64,020,505	0	2,984,835	11,799,194	891,770	0	0	92,553	0	0	0	155,864,567
Percentage of Total MME	98.0%	100.0%	0.0%	31.8%	61.2%	28.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	94.3%
Flagged Orders - Calculated Base Weight (g)	49,682	64,009	0	6,327	7,223	62	0	0	0	0	0	0	127,303
Total Calculated Base Weight (g)	50,717	64,021	0	19,899	11,799	223	0	0	926	0	0	0	147,584
Percentage of Total Calculated Base Weight (g)	98.0%	100.0%	0.0%	31.8%	61.2%	28.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	86.3%

Notes:

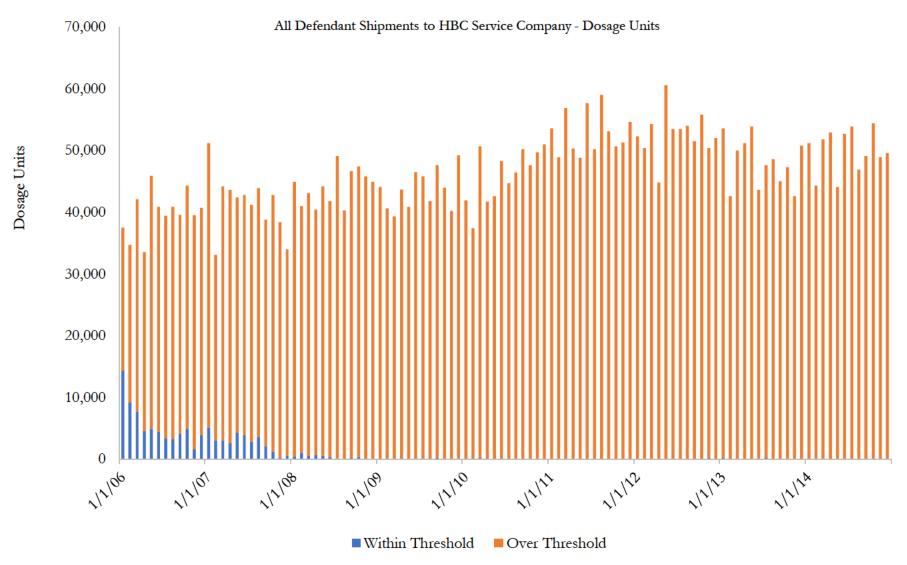
Once an order(s) in any month causes the cumulative shipments that month to exceed the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



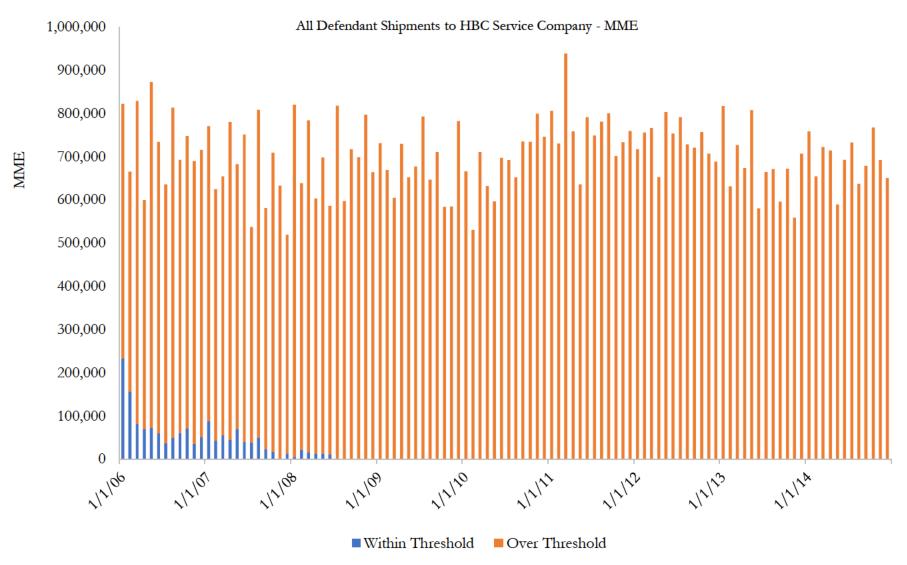
2006-2014

Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units

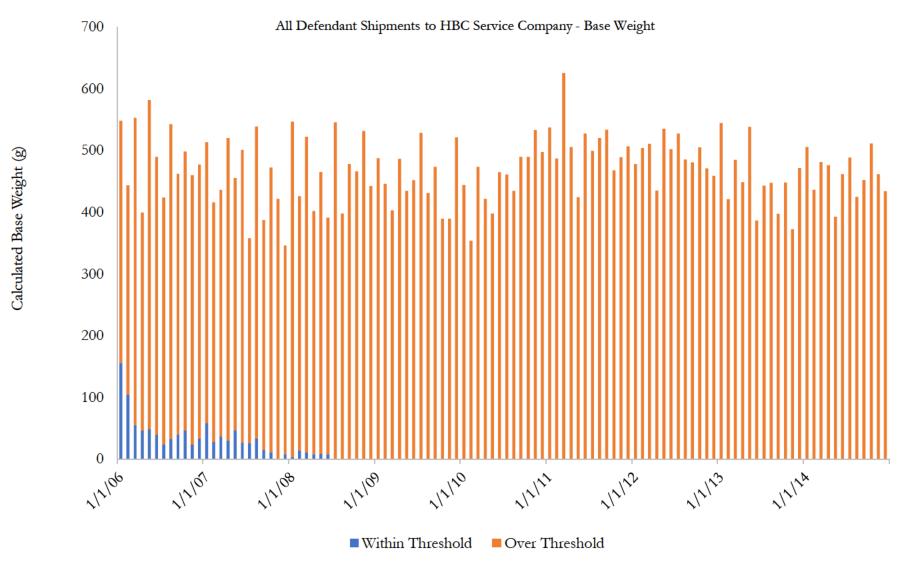


2006-2014

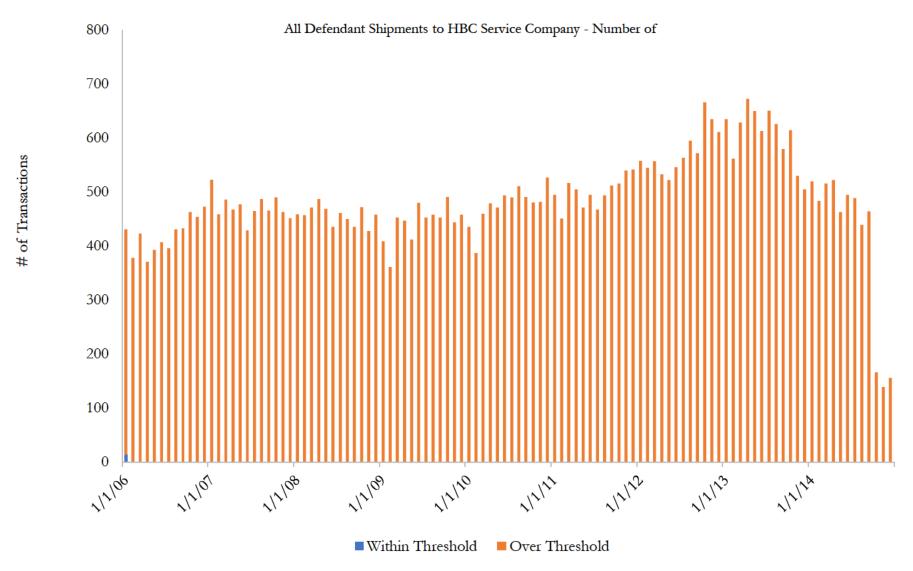
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units

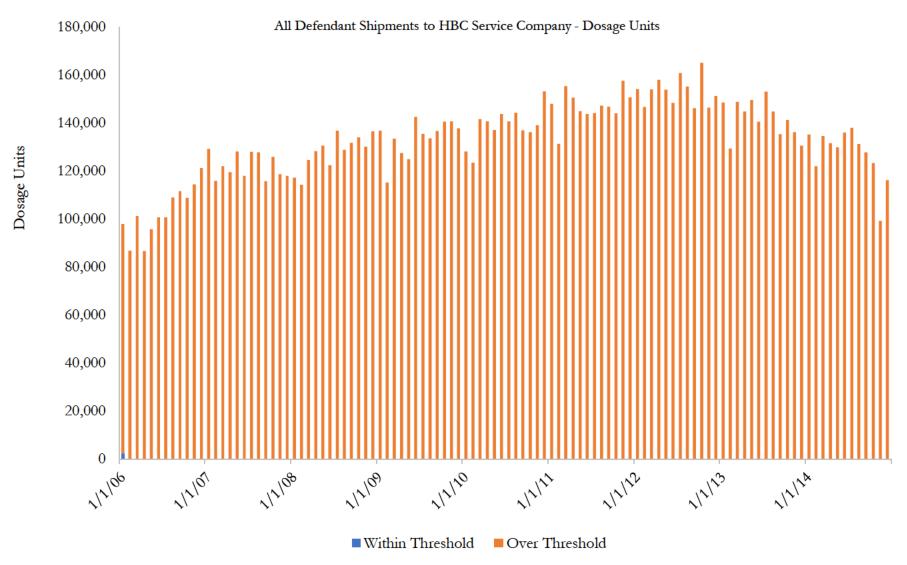


Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units

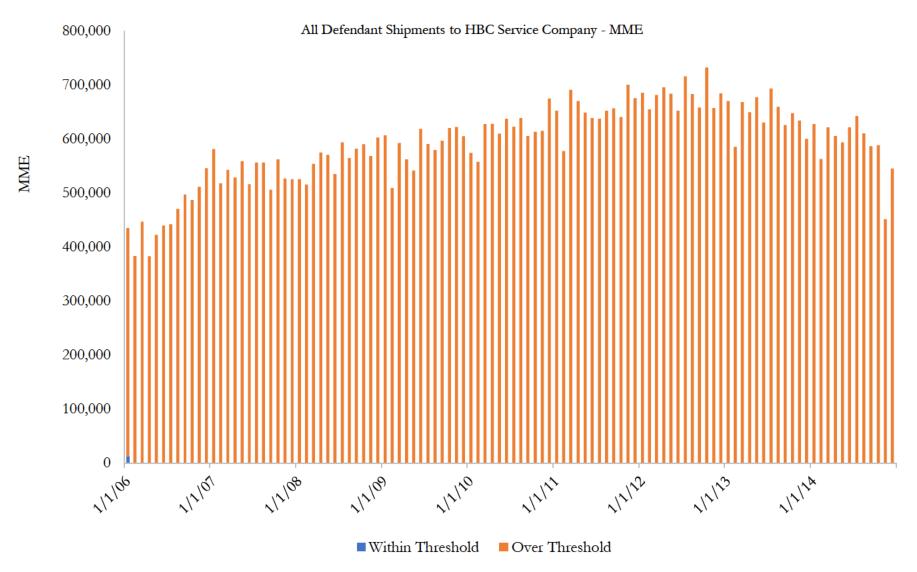


2006-2014

Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



2006-2014

Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Daily Dosage Units



Total Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days

All Defendant Shipments to HBC Service Company - 2006-2014

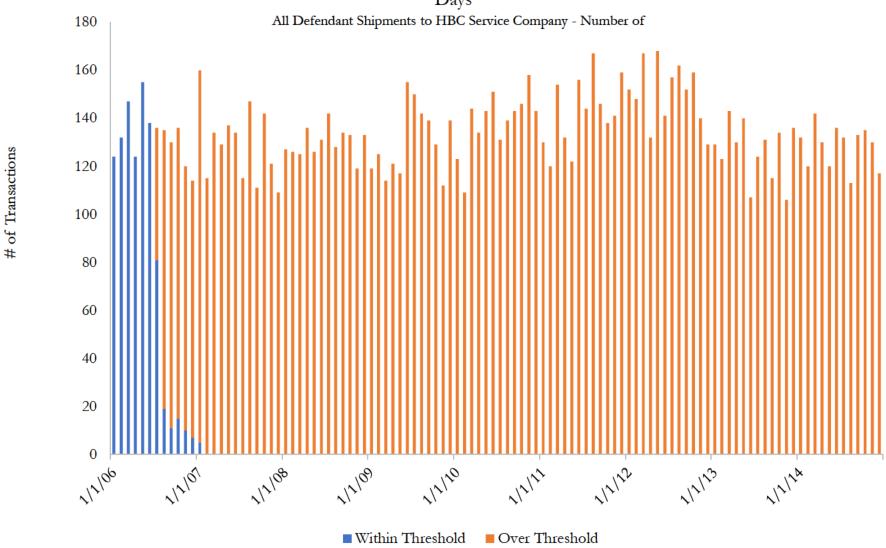
	Oxycodone	Hydrocodone	Fentanyl	Codeine	Morphine	Hydromorphone	Oxymorphone	Tapentadol	Meperidine	Opium	Dihydrocodeine	Levorphanol	12 Drugs Total
Flagged Orders - # of Transactions	13,537	49,494	0	2,911	2,104	92	21	0	0	0	0	0	68,159
Total # of Transactions	14,505	52,262	5,147	3,377	2,725	428	250	529	159	57	77	0	79,516
Percentage of Total # of Transactions	93.3%	94.7%	0.0%	86.2%	77.2%	21.5%	8.4%	0.0%	0.0%	0.0%	0.0%	0.0%	85.7%
	4744200	12 (00 510	0	744 (00	257,000	10.700	2 (00	0	0	0	0	0	10 102 000
Flagged Orders - Dosage Units	4,744,280	13,689,510	0	711,690	256,000	19,700	2,680	0	0	0	0	0	19,423,860
Total Dosage Units	5,025,680	14,342,810	77,335	785,090	328,600	66,100	26,300	50,080	18,900	2,628	8,100	0	20,731,623
Percentage of Total Dosage Units	94.4%	95.4%	0.0%	90.7%	77.9%	29.8%	10.2%	0.0%	0.0%	0.0%	0.0%	0.0%	93.7%
Flagged Orders - MME	71,071,309	61,144,237	0	2,708,451	8,763,560	321,304	111,066	0	0	0	0	0	144,119,927
Total MME	76,258,865	64,020,505	41,270,370	2,992,239	11,799,194	891,770	1,276,595	1,921,000	92,553	105,840	41,777	0	200,670,707
Percentage of Total MME	93.2%	95.5%	0.0%	90.5%	74.3%	36.0%	8.7%	0.0%	0.0%	0.0%	0.0%	0.0%	71.8%
Flagged Orders - Calculated Base Weight (g)	47,381	61,144	0	18,056	8,764	80	37	0	0	0	0	0	135,462
Total Calculated Base Weight (g)	50,839	64,021	412	19,948	11,799	223	426	4,803	926	106	167	0	153,669
Percentage of Total Calculated Base Weight (g)	93.2%	95.5%	0.0%	90.5%	74.3%	36.0%	8.7%	0.0%	0.0%	0.0%	0.0%	0.0%	88.2%

Notes:

Once an order(s) plus the total shipments over the prior 29 days exceeds the threshold all subsequent orders are considered flagged. This method assumes no due diligence on the first flagged order(s) and as a result, each and every order shipped thereafter to that individual buyer is unlawful.

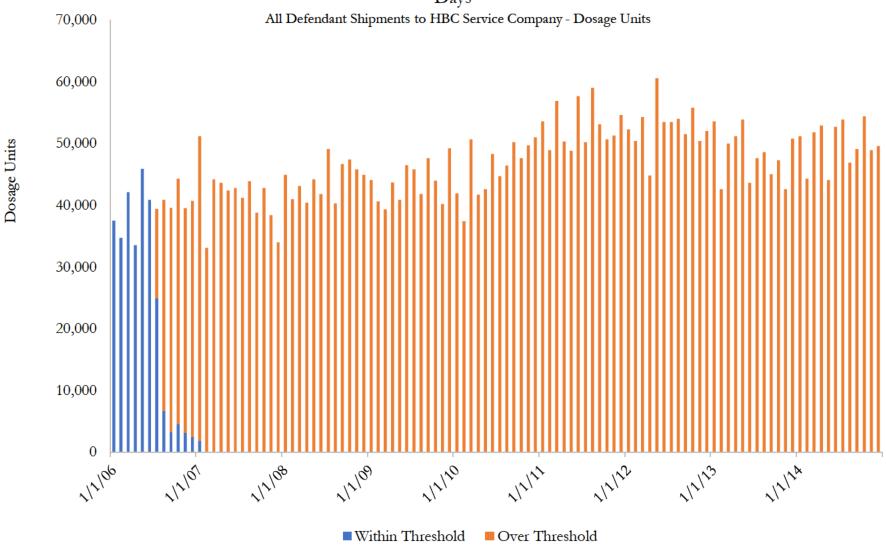
2006-2014

Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days

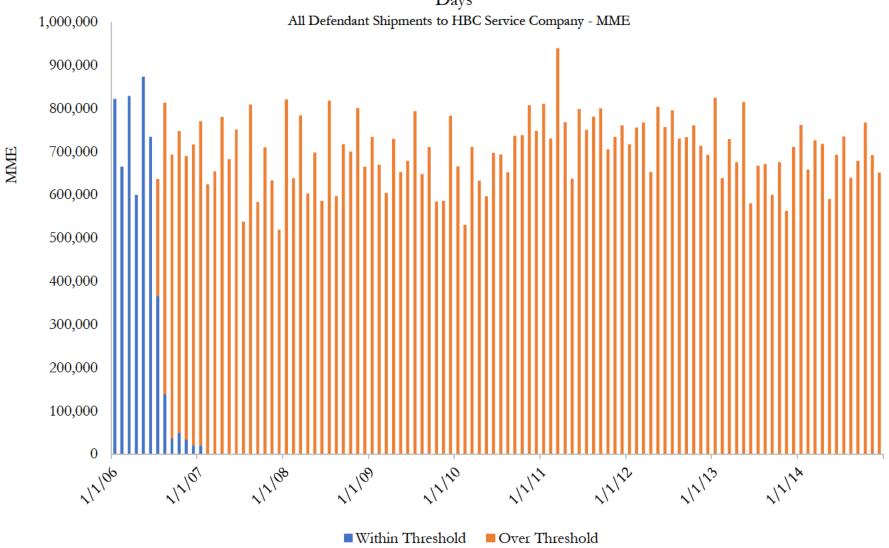


2006-2014

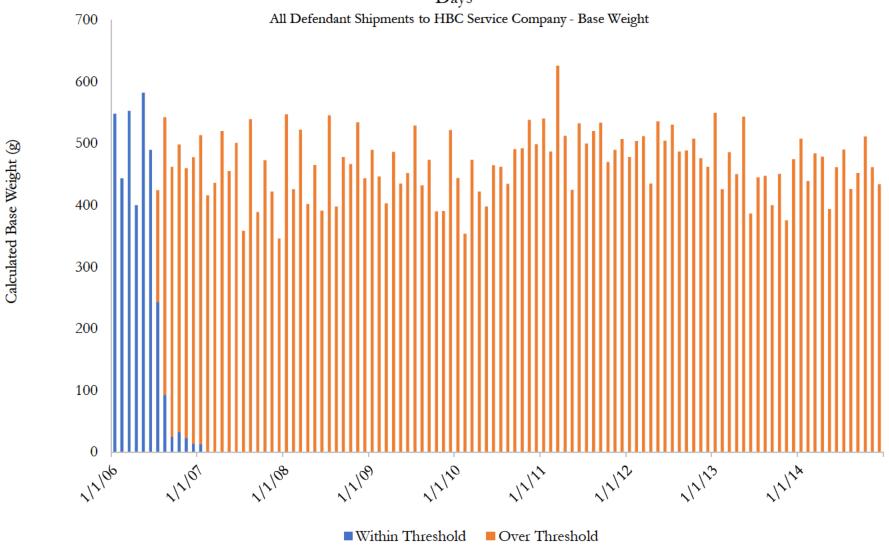
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



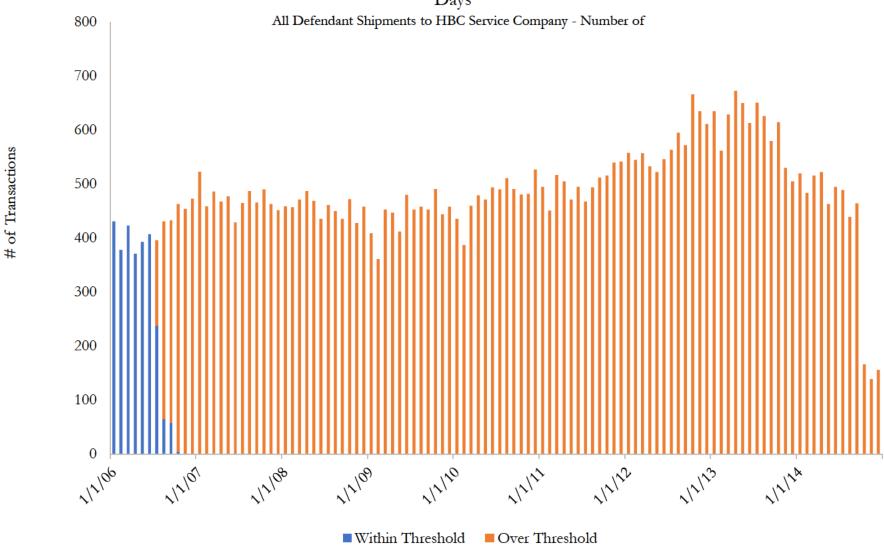
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



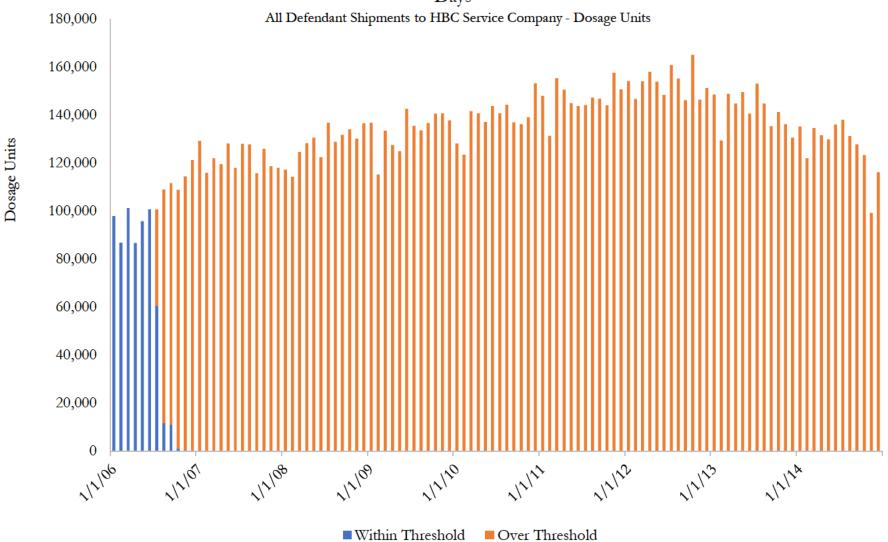
Oxycodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



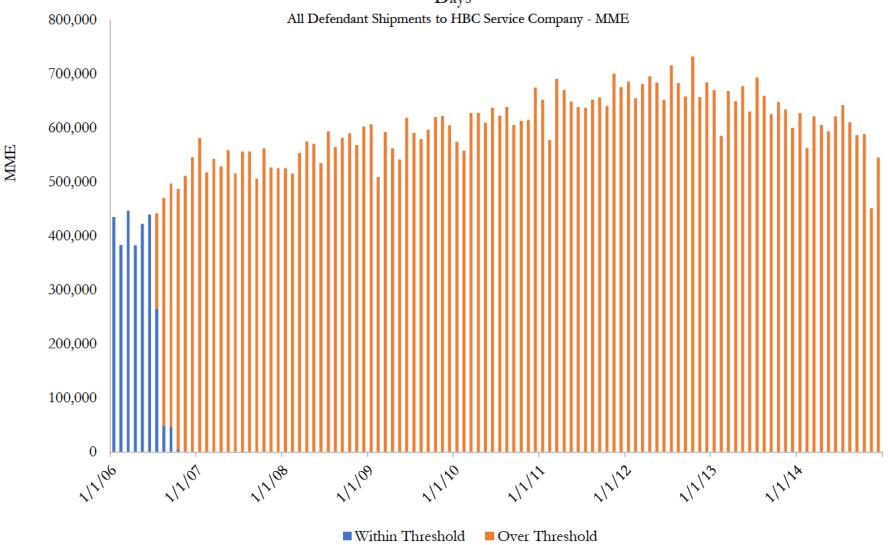
Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days



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Hydrocodone Monthly Shipments to Trumbull County, OH Identified by Methodology: Maximum Monthly Trailing 6 Month Pharmacy Specific Threshold on Rolling 30 Days

